

Queen's University
Library

KINGSTON, ONTARIO

HONOUR EXAMINATIONS—1895.

April.

9 A.M.

2 P.M.

Friday.

5—Quant. Analysis..... Quant. Analysis;
Quant. Analysis..... Quant. Analysis;
Botany, II (Prac.)..... Mineralogy, I (Prac.)

Saturday.

6—Geology, I and II (Prac.)..... Quant. Analysis;
Botany, I (Prac.)..... Botany, I (Prac.)
Mineralogy, III. (Detec.)
Assaying and Quant. Analysis
(written)

Welches' y. 10—

Thursday, 11—Systematic Mineralogy, II..... Botany, II. (Physiol.)
Friday, 12—Geology, I and II (Paleont.)..... Physiology, I.

Saturday, 13—

Latin (Final and first year)..... Quant. Analysis (written).
Petrography.....

Monday.

15—Philosophy..... Dictation, I & II. Mod. 1.30 P.M.
History..... Higher Algebra, II.
L.B. History..... Italian.

Tuesday.

16—Philosophy..... Political Science.
Political Science..... Higher Trigonometry.
Plane Trigonometry..... Physcs. II.
German Prose, I and II..... Crystallography

Wednesday, 17—Latin (Final and first year).....

Philosophy..... French I. Authors.
Zoology (Biol. Problems)..... Greek (Final).
L.B. History..... Chemistry, II (Canada).
Zooogy (Biol. Problems)..... Chemistry, I (Organic)
Philosophy..... Greek (Final).
Verterate Morphology..... Analytic Solid Geometry.
(Extra-murals). Chemistry, I (Fuels, &c.)
French I and II, Authors.

Friday.

19—History..... History.
L.B. History..... L.B. History.
Physcs. I..... Physcs. I and II.
Latin (Final and first year)..... French, I (Old Texts.)
Geology, II (Geolite.).....

Saturday, 20—

Political Science..... Det. and Theory of Equations.
French, I and II (Signc.)..... French, I and II, Prose.
Chemistry, II (Gen.)..... English.
Synthetic Solid Geometry.

Monday.

22—English..... Quaternions.
Chemistry, II (Gen.)..... Botany, II (Crytogrammic).
Synthetic Solid Geometry..... Greek (Final and first year).
Anglo-Saxon.

Tuesday.

23—English..... Botany, II (Crytogrammic).
Ore Deposits..... Greek (Final and first year).
L.L.B. Roman Law..... Anglo-Saxon.
L.L.B. Roman Law..... Geology, I (Phys. Geography).
L.L.B. Jurisprudence..... Spher. Geom. & Trigonometry.
Political Science.....

Wednesday, 24—

Political Science..... L.L.B. Jurisprudence.
L.L.B. Roman Law..... Diff. Equations and Fin. Diff.
L.L.B. Roman Law..... Histology, I and II.
L.L.B. Roman Law..... German I. Authors.
L.L.B. Roman Law..... Greek (Final and first year).
L.L.B. Roman Law..... Mod. Synth. Geometry.
L.L.B. Roman Law..... German I. Old Texts.

Thursday, 25—Latin (Final)

..... German I. Authors.
..... Greek (Final and first year).
..... Mod. Synth. Geometry.
..... German I. Old Texts.

Friday.

26—Latin (Final and first year)..... Salmon's Conics.
Philosophy, II..... Botany, I.
Philosophy, II..... German I and II, Authors.
Philosophy, II..... Senseit.
Philosophy, II..... German, I and II, Prose & Sight.

Saturday, 27—

Latin and Greek (Final)..... Senseit.
German, I and II, Prose & Sight.

L.L.B. Law papers between 19th and 26th as arranged by Examiners.

Queen's University.

The subjoined Report of a Committee of the Senate of the University on Matriculation has been adopted by the Senate of Queen's, and ordered to be printed and sent to the Universities, the Education Department and the Press :

“ Your Committee recommends the adoption of the scheme of Matriculation proposed by the University of Toronto, and expresses pleasure at the step which has been taken in the direction of raising the standard for Matriculation by increasing the percentage of marks for passing from 25 to 33 per cent upon each subject. But while sympathizing with this desire to raise the standard, your Committee regrets to see that the Scheme tends to increase the quantity of work required for admission rather than to improve its quality.

“ Your Committee is of opinion that it would be advisable to set papers of a more elementary character than has been the practice in the past, and to exact 40 or 50 per cent as the standard for pass. This, we believe, would compel pupils to remain a year longer at the High Schools, and would tend to foster a higher ideal of exact scholarship amongst those seeking admission to the Universities.”

Adopted Jan 12, 1895.

GEORGE BELL, LL.D.

Registrar.

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1895/96

QUEEN'S UNIVERSITY,

March 2, 1895.

The Senate having ordered that all April Examination papers shall be printed before 1st April, the copy for Junior papers should be in the printer's hands at 1st March, and for Senior papers by 12th March. If not already done, please furnish copy to Mr. Bailie without delay.

The Honour time table should be printed by the 20th March at the latest. Will you kindly look over the copy of last year's and note any changes required? All Professors having Honour examinations are requested to meet in the Senate Room on Saturday, 16th March, at 4 o'clock, P.M., and complete a correct copy to go to the printer on the 18th.

GEORGE BELL,

Registrar.

Professor Miller B.A.

UNIVERSITY OF QUEEN'S COLLEGE,

KINGSTON, 15TH APRIL, 1895.

SIR :

Your attendance is respectfully requested at the Annual Meeting of the Trustees of Queen's College, to be held in the Senate Room of the College, on Wednesday, 1st May next, at 5 P.M.

Your obedient servant,

J. B. McIVER,

Secretary to the Board of Trustees.

Business:

1. Report to the General Assembly.
2. Election of Trustees.
3. Report of the Dean of the Faculty of Practical Science.
4. Election of Lecturers on Elocution, Church History, Homiletics, &c.
5. Ways and Means.
6. Reports of the Principal, Librarian, Curator of the Museum. Registrar, General Secretary, Finance and Estate Committee, and Auditors.
7. References from the University Council.
8. General Business at Annual Meeting.

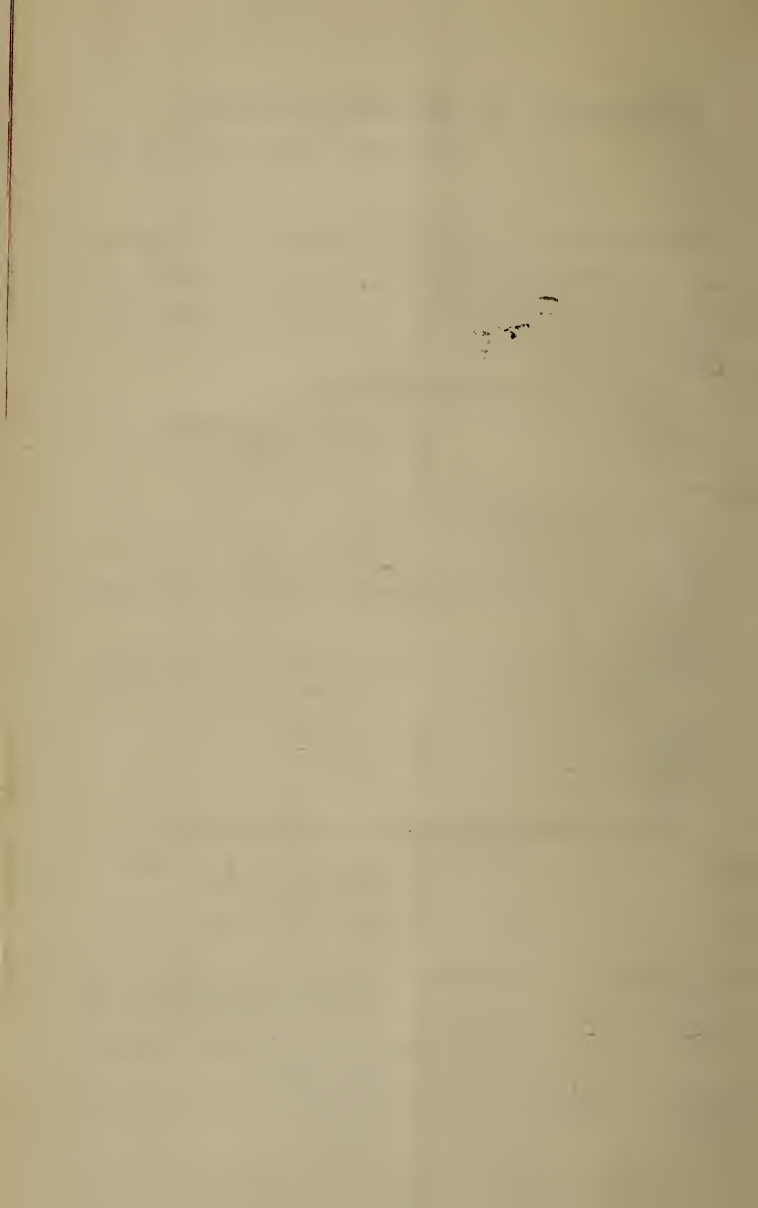
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PROGRAMME OF CLOSING CEREMONIES.

- Sunday, 28th April, 3.00 P.M.—Baccalaureate Address by Rev. J. Frazer Smith, M.D.
- Monday, 29th “ 8.00 P.M.—Lecture, with Lantern illustrations, by Dr. J. F. Smith.
- Tuesday, 30th “ 2 30 P.M.—Valedictories in Convocation Hall and address by the Dean of the Faculty of Practical Science.
- 4.00 P.M.—Meeting of University Council in Senate Room.
- Wednesday, 1st May, 10.00 A.M.—Annual Meeting of Theological Alumni.
- 3.00 P.M.—Convocation.
- 5.00 P.M.—Meeting of the Board of Trustees.

—o—

P.S.—The railways will grant only usual return tickets except where 8 or more travel from one place when special rates can be had at starting point.



University Council of Queen's College.

KINGSTON, 16TH APRIL, A.D. 1895.

SIR :—

You are requested to attend the Annual Meeting of the Council in the Senate Room, on Tuesday, the 30th inst., at 4 P.M. The following is the programme of the closing ceremonies :

Sunday, 28th April, 3.00 P.M.—Baccalaureate Sermon.

Monday, 29th “ 8.00 P.M.—Lecture, with Lantern illustrations, by Rev. Dr. J. F. Smith.

Tuesday, 30th “ 2 30 P.M.—Convocation for Valedictories,
Address by the Dean of the Faculty of Practical Science.

4.00 P.M.—Meeting of University Council.

BUSINESS:—(1) Report on status of members appointed as Trustees ; (2) Election of member of nominating committee of Medical Faculty ; (3) Report on Faculty of Practical Science ; (4) Report of representative to the Medical Council ; (5) Election of Trustee and members of Council ; (6) Arrangements for installation of Chancellor ; (7) Appointment of new members to fill vacancies ; (8) General business of annual meetings.

Wednesday, 1st May, 3.00 P.M.—Convocation for installation of Chancellor, Laureation, &c.

5.00 P.M.—Meeting of Trustees.

Yours truly,

D. M. McINTYRE,

Registrar.

—o—

P.S.—The railways will grant only usual return tickets except where 8 or more travel from one place when special rates can be had at starting point.

QUEEN'S UNIVERSITY.

MEDICAL EXAMINATIONS. 1894-95.

SUBJECTS.

SUBJECTS.	TIME.	EXAMINERS.
Junior Materia Medica	Thursday, March 21,	10 A.M. Dr. Herald.
" Practice of Medicine.....	" "	3 P.M. Dr. Fowler.
" Anatomy.....	Friday, " 22,	10 A.M. Dr. Campbell.
" Surgery.....	" " 23,	3 P.M. Dr. Sullivan.
" Physiology	Saturday, " 23,	10 A.M. Dr. Knight.
" Obstetrics and Gynaecology.....	" " 24,	3 P.M. Dr. K. N. Fenwick.
Senior Materia Med. & Therapeutics. Monday,	" " 25,	10 A.M. Dr. Herald.
" Practice of Medicine.....	" " 26,	3 P.M. Dr. Fowler.
" Physiology	Tuesday, " 26,	10 A.M. Dr. Cunningham.
" Obstetrics and Gynaecology...	" " 27,	3 P.M. Dr. K. N. Fenwick.
" Surgery	Wednesday, " 28,	10 A.M. Dr. Sullivan.
Jurisprudence and Sanitary Science. "	" " 29,	3 P.M. Dr. Saunders.
Histology.....	" " 30,	10 A.M. Dr. Knight.
Senior Anatomy.....	Thursday, " 31,	10 A.M. Dr. Ryan.
Pathology ..	" " 1,	10 A.M. Dr. Anglin.
Medical and Surgical Anatomy	" " 2,	3 P.M. Dr. Mundell.
Chemistry.....	Friday, " 3,	9 A.M. Dr. Goodwin.
Analytical Chemistry	" " 4,	2 P.M. Dr. Wood.
Clinical Medicine	Monday, April 1,	9 A.M. Dr. T. M. Fenwick.
Clinical Surgery.....	" " 2,	9 A.M. Dr. Garrett.
Botany.	Friday, " 3,	10 A.M.
and at close of Summer Session..		Prof. Fowler.

Dr. Fife Fowler, Chairman of Board of Examiners.

Orals to begin as follows, and to be continued as the Examiners shall appoint:—

Clinical Orals, at the Kingston General Hospital, on Monday, April 1st, at 9 A.M.

Orals, other than Clinical, at the Medical Building, on Monday, April 1st, at 3 P.M.

Candidates will be examined orally in alphabetical order.

Candidates for Senior examination must have previously passed the Junior examination.

JOHN HERALD, M.A., M.D., *Sec. Med. Faculty.*

GEORGE BELL, LL.D., *Registrar.*

Will all Examiners kindly attend to the following :

1. Make reports to the Senate on the forms provided. If you can prepare lists for posting, make them on the narrow slips.

2. If any reports can be given to me on the 25th, 26th or 27th inst., I will get lists prepared from them for posting.

3. Please read first the papers of the candidates for Degrees, named below, and be prepared to indicate to the Senate on Saturday evening, 27th, whether they will pass in their remaining subjects.

4. Please attend a meeting of Senate on Saturday evening, 27th, at 7.30 o'clock. The exact time for the statutory meeting, Monday or Tuesday, will be fixed on Saturday evening.

GEORGE BELL,
Registrar.

April 20, 1895.

B.A.

Anglin, F. R.
Campbell, G. D.
Clark, J. K.
Dean, M. B.
Feir, H.
Fletcher, W. P.
Grange, T. A.
Hamilton, D. J.
Horsey, H. H.
Instant, R. A.
Knapp, A. E.
Kirkpatrick, H. R.
Lowe, G. R.
Massie, A. M.
Mooers, H. F.
McArthur, J. H.
McInnes, J. A.
Neilson, B.
Odell, H.
Parker, M.
Pilkey, P. J.
Pope, E. L.
Raney, W. H.
Rayside, E.
Rayside, J. S.
Redmond, R. C.
Rigney, T. J.
Rollins, J.
Townsend, T.
Watson, J. S.
Webster, B. E.
White, L. R.
Wilson, M. H.
Young, A.

M.A.

Allen, M. D.
Baker, W. C.
Brock, R. W.
Clark, R. J.
Clark, W. T.
Conn, J. R.
Connolly, H. R.
Croskery, R. A.
Day, A. E.
Denyes, J. M.
Ewing, W. C.
Fox, C. B.
Fraser, J. R.
Guess, H. A.
Herbison, W. J.
Hermiston, G. M.
King, W. W.
Menish, J. D.
Menzies, R. D.
Mowat, J. McD.
McColl, J. A.
McCreary, R. N.
McDougall, C. A.
Ryerson, S. E.
Sills, W. R.
Snyder, H. A.
Staples, L. E.
Thompson, T. J.
Watson, E. C.
Williamson, A. R. B.
Windel, H. C.

Begg & Co.

J. B. McIver.

Treasurer of Queen's University.

Financial and Insurance Agent etc.

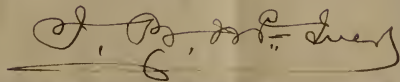
Office, 38 Clarence St.

Kingston, Can. 3rd May, 1895

My Dear Sir:

At the Annual Meeting of the Board of Trustees held on Wednesday last, it was decided that after 1st January 1896 the Salaries of Professors, now paid quarterly in advance, would be paid in the middle, instead of at the beginning of the quarter:- namely on 15th May, 15th August, 15th November and 15th February in each year -

Yours truly,



Secretary - Treasurer.

THE UNIVERSITY OF CHICAGO
LIBRARY

1917

THE UNIVERSITY OF CHICAGO
LIBRARY
1917

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TIME TABLE—SUMMER SESSION, 1894

SUBJECT.	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	WHERE HELD.
Operative Surgery	4.00		4.00		4.00		Medical College.
Clinical Medicine.....	10.00		10.00		10.00		General Hospital
Clinical and Minor Surgery and Bandaging.....	11.00		11.00		11.00		General Hospital
Clinical Obstetrics and Gynaecology		11.00		11.00		11.00	General Hospital
Mental Diseases		2.00		2.00		2.00	Rockw'd Hospital
Hotel Dieu Clinics ...	3 00		3 00		3.00		Hotel Dieu.
Bacteriology	12.00		12.00		12.00		Medical College.

CLASSES TAKEN DURING SUMMER BUT NOT PART OF SUMMER SESSION.

Botany	9.00	9 00	9.00	9.00	9.00		Arts Building
Diseases of Eye, Ear, Throat	9.00	9.00	9.00	9.00	9.00		General Hospital
Sanitary Science	8.00	8.00	8.00	8.00	8.00		Medical College
Analytical Chemistry.....		10-12		10-12			Science Hall
Practical Pharmacy	8.00		2.00		2.00		Medical College

CALENDAR

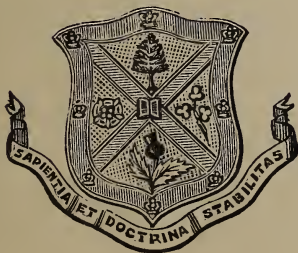
OF

Queen's College and University

KINGSTON, CANADA,

FOR THE YEAR 1895-96.

PART I.



INCORPORATED BY ROYAL CHARTER, A.D. 1841.

KINGSTON :

PRINTED FOR THE UNIVERSITY BY WM. BAILLIE.

1895.

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1895/96

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ACADEMIC YEAR.

1895.

- Sept. 1—Notice of intention to appear at Matriculation or Supplementary Pass examinations in Arts to be given in writing to the Registrar.
- “ 17—Examinations begin. (Held at the University).
- Oct. 1—Classes in Arts, Applied Science, and Medicine open.
- “ 16—University Day—Holiday.
- “ 22—Candidates for B.D. and Matriculation examinations in Theology and Medicine must give notice of their intention to appear.
- “ 28—Matriculation examinations in Theology and Medicine begin.
- “ 30—Classes in Theology open.
- Dec. 21—Christmas Holidays begin.

1896.

- Jan. 7—Classes re-open.
- “ 13—Statutory Meeting of Senate.
- Feb. 19—Holiday.
- Mar. 21—Time expires for receiving Theses for M.A., Ph.D., D.Sc., and Essays for University Prizes.
- April 3—Holiday.
- “ 10—Class-work in Arts and Applied Science closes.
- “ 11—Examinations in Arts and Applied Science begin.
- “ 17—Class-work in Theology closes.
- “ 18—Pass examinations in Theology begin.
- “ 27—Statutory Meeting of Senate for conferring Degrees, &c.
- “ 29—Convocation for distributing prizes, announcing Honours and laureating Graduates.
- “ 30—Summer Session in Medicine begins.
- June 27—Summer Session in Medicine ends.
- July 10—Summer Session of School of Science begins.

TIME TABLE—ARTS AND THEOLOGY.

<i>Hour.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
8	*Moderns.	*Moderns.	*Moderns.	*Moderns.	*Moderns.	Assaying.
9	Jr. Philosophy Jr. Greek. Jr. French. Jr. History. Mineralogy. 3rd Hebrew.	Jr. Philosophy Jr. Greek. Jr. French. Jr. History. Sr. Philosophy 3rd Hebrew.	Jr. Philosophy Jr. Greek. Jr. French. Jr. History. 3rd Hebrew.	Jr. Philosophy Jr. Greek. Jr. French. Sr. Philosophy 3rd Hebrew.	Jr. Philosophy Jr. Greek. Jr. French. Jr. History. 3rd Hebrew.	Assaying.
10	*Philosophy. Jr. Latin. *Geology. *Latin. An. Biol. & Bot. † Jr. Physics. Sr. Mathemat. Sr. History. *History. *Italian. N. T. Criticism.	*Philosophy. Jr. Latin. *Geology. *Latin. An. Biol. & Bot. † Sr. Physics. Sr. Mathemat. Sr. History. O. T. Criticism.	*Philosophy. Jr. Latin. *Geology. *Latin. An. Biol. & Bot. † Jr. Physics. *Mathematics. *History. *Italian. N. T. Criticism.	*Philosophy. Jr. Latin. *Geology. *Latin. Biol. Labor'y. Sr. Physics. Sr. Mathemat. Sr. History. O. T. Criticism.	Jr. Latin. *Geology. *Latin. Biol. Labor'y. Jr. Physics. *Mathematics. *History. *N. T. Criticism.	Assaying.
11	*Philosophy. Jr. German. Sr. Latin. *Botany. *Greek. Jr. Chemistry. Analyt. Chem. *Mathematics. Divinity.	Jr. German. Sr. Latin. *Botany. *Greek. Jr. Chemistry. Analyt. Chem. *Mathematics. Divinity.	*Philosophy. Jr. German. Sr. Latin. *Botany. *Greek. Jr. Prac. Chem. Analyt. Chem. Divinity.	Biol. Labor'y. Jr. German. Sr. Latin. *Botany, *Greek. Sr. Chemistry. *Mathematics. Divinity.	*Philosophy. Biol. Labor'y. Jr. German. Sr. Latin. *Botany. *Greek. Sr. Chemistry. Divinity.	Assaying.

12	Sr. Greek. Sr. French. *Philosophy. *An. Biology. Jr. Pol. Science *Latin. *Physics. Apogetics. Church Hist.	Sr. Greek. Sr. French. *Philosophy. *An. Biology. Jr. Pol. Science *Greek. *Physics. Apogetics. Church Hist.	Sr. Greek. Sr. French. *Philosophy. *An. Biology. Jr. Pol. Science *Philology. *Astronomy. Jr. English. Apogetics. Church Hist.	Assaying.
2	Sr. English. *Physics. *Mineralogy. 1st Hebrew.	Sr. English. *Physics. *Chemistry. 1st Hebrew.	Sr. English. *Mineralogy. Geology. 1st Hebrew.	Anglo-Saxon. *Physics. Mineralogy. 1st Hebrew.
3	Sr. German. *Chemistry. Jr. Mathemat. *English. *Mineralogy. 2nd Hebrew.	Sr. German. *Chemistry. Jr. Mathemat. *English. 2nd Hebrew.	Sr. German. *Chemistry. *Mathematics. Jr. English. *Mineralogy. 2nd Hebrew.	Sr. German. *Chemistry. Jr. Mathemat. Mineralogy. 2nd Hebrew.
4	*Mathematics.	*Mathematics. Jr. English.		

*Denotes Honours.

†Jr. Animal Biology to end of January, and Botany thereafter. (See Biological Department).

The Biological Laboratory will be open every Thursday and Friday, from 10 to 12, for Jr. Animal Biology, until the end of January, and for Plant Biology thereafter.

PASS MATRICULATION EXAMINATIONS.

SEPTEMBER, 1895.

	9 A.M.	2 P.M.
Sept. 19—	Eng. Poet. Literature.....	Arithmetic.
“ 20—	Chemistry.....	German Authors.
	Physics.....	Ger. Gram. and Comp. Greek.
“ 21—	Algebra.....	English Grammar.
“ 23—	Latin Authors.....	French Authors.
	Latin Gram. and Comp.....	French Gram. and Comp.
“ 24—	Euclid.....	History and Geography.
“ 25—	Eng. Comp. and Prose Lit.	

PASS SUPPLEMENTAL EXAMINATIONS.

SEPTEMBER, 1895.

	9 A.M.	2 P.M.
Sept. 17—	Jr. Philosophy.....	Sr. Philosophy.
“ 18—	Jr. Physics....	Sr. Physics.
“ 19—	Jr. English.....	Sr. English.
“ 20—	Jr. Political Science.....	Sr. Political Science.
	Mineralogy.....	Geology.
“ 21—	Jr. Mathematics.....	Sr. Mathematics.
“ 23—	Jr. French.....	Sr. French.
“ 24—	Jr. History.....	Sr. History.
“ 25—	Jr. Latin.....	Sr. Latin.
“ 26—	Jr. Greek.....	Sr. Greek.
	Jr. German.....	Sr. German.
“ 27—	Botany.....	Animal Biology.
“ 28—	Jr. Chemistry.....	Sr. Chemistry.

PASS EXAMINATIONS.

APRIL, 1896.

Arts.

Saturday,	11th	April—French and Greek.
Monday,	13th	“ —English.
Tuesday,	14th	“ —Mathematics.
Wednesday,	15th	“ —Latin.
Thursday,	16th	“ —Philosophy.
Friday,	17th	“ —Physics.
Saturday,	18th	“ —Chemistry.
Monday,	20th	“ —Political Science.
Tuesday,	21st	“ —Geology and Mineralogy.
Wednesday,	22nd	“ —German.
Thursday,	23rd	“ —History.
Friday,	24th	“ —Botany and Animal Biology.

Theology.

Saturday,	18th	April—Apologetics.
Monday,	20th	“ —Second and Third Year Hebrew.
Tuesday,	21st	“ —O. and N. T. Criticism.
Wednesday,	22nd	“ —Divinity.
Thursday,	23rd	“ —First Year Hebrew.
Friday,	24th	“ —Church History.


Forenoon session 9 A.M.

Afternoon “ 2 P.M.

GENERAL ANNOUNCEMENTS.

QUEEN'S COLLEGE has, under its Royal Charter, "the style and privileges of a University."

The Fifty-fifth Session will open on Tuesday, the first of October, 1895.

 A compilation of statutes and by-laws containing information for students is published separately. Copies are to be obtained from the Registrar.

BOARDING.—No student is allowed to board or lodge in any house not approved of by the Senate, except by permission of parents or guardians given in writing. Information as to approved houses may be obtained from the Registrar.

REGISTRATION.—All students are required to have their names, with other particulars, entered in the University Register. At the time of Registration they must pay the required fees, or produce the Treasurer's receipt for them. They must also present a certificate of character from their clergyman or other competent person, and sign a declaration promising due obedience to the University authorities.

ATTENDANCE AT CHURCH.—All students are expected to attend the churches to which they profess to belong, and produce certificates of attendance from their clergymen when required.

THE LIBRARY contains about 20,000 volumes. Students are entitled to the use of it subject to by-laws.

THE OBSERVATORY.—In 1855 an Astronomical Observatory was founded by subscribers, aided by the City Corporation, and in 1861 was transferred by deed to the University. Facilities are given to students for obtaining a knowledge of Practical Astronomy.

THE MUSEUM.—Demonstrations are given to students of Natural Science. Friendly services towards the enlargement of the Museum are solicited.

ACADEMIC COSTUME.—All graduates and undergraduates, when attending class or any college meeting, shall wear the costume prescribed by the University.

Each degree has its distinctive hood, as follows:—B.A., black, bordered with red silk; M.A., scarlet; D.Sc., black silk, lined with blue silk, bordered with white; M.D., scarlet, bound on the edge with white; B.D., white, with crimson plush border; D.D., black silk, with white silk lining; LL.B., blue, bordered with white fur; LL.D., black silk, lined with blue silk.

FEES.—Graduation fees must be paid before Convocation day; examination fees before April 11th; all other fees on or before University day.

Class fees in the faculty of Arts.....	\$25 00	per session.
Any class, singly.....	8 00	“
Fees in the faculty of Applied Science.	40 00	“

SPECIAL FEES.

Specialist's Practical Course in Qualitative Analysis, Blow-piping and Mineralogy.....	\$10 00
Elementary Mineralogy and Blowpiping.....	3 00
Honour Course in Qualitative Analysis, &c.....	20 00
“ “ Quantitative Analysis, &c.....	20 00
Physical Laboratory (Honour Course), per session.....	10 00
Honour Course in Animal Biology, per session.....	12 00

Registration, \$4 00; Library, \$4 00; Apparatus, \$1 00;	
Athletics, \$1 00 per session.....	\$10 00
Registration for extra-mural students.....	10 00
Matriculation Examination.....	5 00
“ in Theology.....	2 00
Pass Examination.....	3 00
Honour Examination.....	4 00
Graduation Fee, Doctor of Science (D.Sc.).....	50 00
“ “ Doctor of Philosophy (Ph.D.).....	50 00
“ “ Bachelor of Arts (B.A.).....	10 00
“ “ Bachelor of Laws (LL.B.).....	10 00
“ “ Doctor of Medicine (M.D., C.M.).....	30 00
“ “ Master of Arts (M.A.).....	20 00
“ “ Bachelor of Divinity (B.D.).....	20 00
“ “ Bachelor of Science (B.Sc.).....	20 00
Admission <i>ad eundum gradum</i> , B.A. or LL.B.....	20 00
“ <i>ad eundum statum</i>	10 00

When an examination has to be taken a second time, the fee must be again paid.

FACULTY OF ARTS.

ART. I. PASS MATRICULATION.

General Regulations for 1895.

The classes and pass examinations in the university are open to unmatriculated students, but candidates for a degree must pass the matriculation examination before being admitted to examination on the University Courses.

Any person presenting a Departmental Certificate of Matriculation will be admitted as an undergraduate upon paying the Registration fees.

Any person presenting a Junior Leaving Certificate or an equivalent will, on passing the April or September examinations in Junior Latin, and Junior Greek or Moderns, be considered a student of the second year's standing in these subjects.

Leaving Examination Certificates and certificates of work done in institutions recognized by the Senate, will be accepted *pro tanto*.

Matriculation Examinations are held annually at the University in September. See Academic year, page 1.

Matriculation Scholarships will be awarded on the results of the Departmental Examinations in July. Due notice of these examinations will be given by the Department.

The percentage required for pass standing is 40 per cent on the whole examination, with a minimum of 25 per cent on each paper.

Subjects of Pass Matriculation for 1895.

All candidates for Junior Matriculation must take the pass subjects in Latin, English, Mathematics, History and Geography, and in one of the following courses : (a) Greek, (b) French and German, (c) French and either Physics or Chemistry, (d) German and either Physics or Chemistry. But only one of the options *a, b, c, d*, will be taken into account in awarding General Proficiency Scholarships.

LATIN.

1895. { Virgil, *Æneid*, II.
 { Cæsar, *Bellum Gallicum*, V, VI.

Translation from English into Latin prose, involving a knowledge of elementary Latin syntax.

Translation at sight, with the aid of vocabularies, of easy passages from Latin authors.

A paper on Latin Grammar.

For practice in writing continuous Latin prose, candidates are recommended to study Simpson's Latin prose (Part I).

GREEK.

1895. { Xenophon, *Anabasis*, V.
 { Homer, *Iliad*, VI.

Translation from English into Greek prose, involving a knowledge of the first fifteen exercises of Abbott's Arnold's Greek Prose Composition; *or*, the first twelve exercises of Fletcher and Nicholson's Greek Prose Composition.

Translation at sight, with the aid of vocabularies, of easy passages from Greek authors.

A paper on Greek Grammar.

MATHEMATICS.

Arithmetic.

Algebra. Elementary rules; easy factoring; highest common factor; lowest common multiple; square root; fractions; ratio; simple equations of one, two, and three unknowns; indices; surds; easy quadratics of one and two unknowns.

Euclid, I, II, III.

ENGLISH.

1. Composition:—Nothing but an essay will be required; this shall be dealt with rather as a test of the candidate's power of English Composition than as a proof of his knowledge of the subject written upon. Legible writing and correct spelling and punctuation will be regarded as indispensable, and special attention will be paid to the structure of sentences and paragraphs. The Examiner will allow a choice of subjects, some of which must be based on the following selections, with which the candidate is expected to familiarize himself by careful reading:—

1895. { Scott, Kenilworth.
 { Goldwin Smith's Life of Cowper.

2. Grammar and Rhetoric:—The examination will be chiefly on passages not prescribed. A liberal choice of questions will be allowed to the candidate.

3. Poetical Literature:—Intelligent comprehension of and familiarity with the prescribed texts will be required:—

1895. Tennyson:—The Holy Grail, Recollections of the Arabian Nights, The Poet, The Lady of Shalott, The Lotus-Eaters, The Voyage, The Day-Dream, Mort d'Arthur, The Brook.

HISTORY AND GEOGRAPHY.

History of Great Britain and her Colonies from the Revolution of 1688 to the Peace of 1815, and the Geography relating thereto.

Outlines of Roman History to the death of Augustus, and the Geography relating thereto.

Outlines of Greek History to the battle of Chaeronea, and the Geography relating thereto.

PHYSICS.

An experimental course in (a) Dynamics, (b) Heat, (c) Electricity, including an acquaintance with the metric system of units. The course is defined as follows:—

Dynamics: Definitions of velocity, acceleration, mass, momentum, force, moment, couple, energy, work, centre of inertia, statement of Newton's laws of motion, composition and resolution of forces, conditions of equilibrium of forces in one plane.

Definitions of a fluid, fluid pressure at a point, transmission of fluid pressure, resultant fluid pressure, specific gravity, Boyle's law, barometer, air pump, water pump, siphon.

Heat : Effects of heat, temperature, diffusion of heat, specific heat, latent heat, law of Charles.

Electricity : Voltaic cells, chemical action in the cell, magnetic effect of the current, chemical effect of the current, galvanometer, voltameter, Ohm's law, heating effect of the current, electric light, current induction, dynamo and motor, electric bell, telegraph, telephone.

CHEMISTRY.

Definition of the object of the Science, relations of the Physical Sciences to Biology, and of Chemistry to Physics. Chemical change, elementary composition of matter. Laws of combination of the elements, atomic theory, molecules, Avogadro's law. The determination of atomic weight, specific heat, atomic heat, nomenclature, classification. The preparation, characteristic properties, and principal compounds of the following elements: Hydrogen, Chlorine, Bromine, Iodine, Oxygen, Sulphur, Nitrogen, Phosphorus, Carbon, Silicon.

FRENCH.

Grammar.

Composition:—(a) Translation into French of short English sentences as a test of the candidate's knowledge of grammatical forms and structure, and the formation in French of sentences of a similar character; and (b) translation of easy passages from English into French.

Translation of unspecified passages from easy French authors.

An examination on the following texts:—

1895. { Sardou La Perle noire.
 { De Maistre, Voyage autour de ma chambre.

GERMAN.

Grammar.

Composition:—(a) Translation into German of short English sentences as a test of the candidate's knowledge of grammatical forms and structure, and the formation in German of sentences of a similar character; and (b) translation of easy passages from English into German.

Translation of unspecified passages from easy German authors.

An examination on the following texts:—

1895. { Riehl, Culturgeschichtliche Novellen. Der stumme
 { Rathsherr; Der Dachs auf Lichtmess: Der Leib-
 { medicus.
 { Schiller, Der Taucher.

General Regulations for 1896-98.

All candidates for Junior Matriculation shall take the following subjects:—Latin, English, History, Mathematics, French or German, and either (1) Greek or (2) the second Modern Language with Physical Science (Physics and Chemistry).

The examination may be divided into the following two parts, of which (I) shall be taken before (II) and in a different year:—(I) Arithmetic and Mensuration, English Grammar and Rhetoric, Physics, and the History of Great Britain and Canada; (II) Greek, Latin, French, German, English Composition, English Literature, Ancient History, Algebra, Geometry, and Chemistry.

Candidates for the Matriculation examination of 1896 may, in 1895, take Part I of the examination on the courses prescribed for 1895 in the subjects of Part I.

The percentage for Pass shall be thirty-three and one-third per cent on each paper, at the examination taken by the candidate.

The marks for sight work on each of the “Authors” papers shall constitute at least thirty-three and one-third per cent of the whole of the marks for the paper.

Junior leaving certificates will be accepted *pro tanto* at both Part I and Part II of the Pass Junior Matriculation examination, but candidates who desire to compete for scholarships or relative standing will not be granted this exemption in the case of Part II.

Candidates for Honours and Scholarships will be examined only on the Honour papers in a department, always provided that such candidates may receive pass standing on these papers.

Subjects of Pass Matriculation for 1896-98.

PART I.

ENGLISH GRAMMAR AND RHETORIC.

The main facts in the development of the language. Etymology and Syntax, including the inflection, classification and elementary analysis of words, and the logical structure of the sentence. Rhetorical structure of the sentence and paragraph. As far as possible the questions shall be based on passages from Authors not prescribed.

ARITHMETIC AND MENSURATION.

Arithmetic.

Proofs of Elementary Rules; Fractions (Theory and Proofs); Commercial Arithmetic (omitting Annuities).

Mensuration.

Areas of rectilinear figures, and volumes of right parallelopipeds and prisms; the circle, cylinder, and cone.

HISTORY OF GREAT BRITAIN AND CANADA.

Great Britain and Canada from 1763 to 1871, with the outlines of the preceding periods of British History.

The Geography relating to the History prescribed.

PHYSICS.

An experimental course defined as follows:—

Metric system of weights and measures. Use of the balance. Phenomena of gravitation. Matter attracts matter. Laws of attraction. Cavendish experiment. Attraction independent of condition. Illustration of weight of gases, liquids, and solids. Specific gravity.

Meaning of the term “a form of matter.” All matter may be subjected to transmutation; “Chemistry;” application of measurement by weight (mass) to such transmutation leads to the theory of elements. Matter indestructible.

Meaning of “Force.” Various manifestations of force, with illustrations from the phenomena of electricity, magnetism, and heat. Force measured in gravitation units; consequent double meaning of the terms expressing units of weight as mass, and units of weight as force.

Meaning of “Work.” Measurement of work in gravitation units. Meaning of “Energy.”

Effects of force continuously applied to matter. Laws of matter in motion. Velocity. Acceleration. Statement of Newton's Laws of Motion. Definition of “Mass.” Meaning, value, and application of “g.” Mass a measure of matter.

Conservation of Energy. Energy, like matter, indestructible and transmutable.

Study of the three states of matter. Properties and laws of gases, liquids, and solids. Laws of diffusion.

Elementary laws of heat. Mechanical equivalent. Latent heat. Specific heat. Caloric.

PART II.

GREEK.

Translation into English of passages from prescribed texts.

Translation at sight (with the aid of vocabularies), of easy Attic prose, to which special importance will be attached. Candidates will be expected to have supplemented the reading of the prescribed texts by additional practice in the translation of Greek.

Grammatical questions on the passages from prescribed texts shall be set, and such other questions as arise naturally from the context.

Translation from English into Greek of sentences and of easy narrative passages based upon the prescribed prose texts.

The following are the prescribed texts:—

- | | | |
|-------|---|--|
| 1896. | { | Selections from Xenophon, <i>Anabasis</i> I, in White's <i>Beginner's Greek Book</i> (pp. 304-428) with the exercises thereon. |
| | { | Homer, <i>Iliad</i> I. |
| | | |
| 1897. | { | Selections from Xenophon, <i>Anabasis</i> I, in White's <i>Beginner's Greek Book</i> (pp. 304-428) with the exercises thereon. |
| | { | Homer, <i>Iliad</i> I. |
| | | |
| 1898. | { | Selections from Xenophon, <i>Anabasis</i> I, in White's <i>Beginner's Greek Book</i> (pp. 304-428) with the exercises thereon. |
| | { | Homer, <i>Iliad</i> VI. |

 LATIN.

Translation into English of passages from prescribed texts.

Translation at sight (with the aid of vocabularies) of passages from some easy prose author, to which special importance will be attached. Candidates will be expected to have supplemented the reading of the prescribed texts by additional practice in the translation of Latin.

Grammatical questions on the passages from prescribed texts shall be set, and such other questions as arise naturally from the context.

Translation from English into Latin of sentences and of easy narrative passages based upon the prescribed prose texts.

The following are the prescribed texts:—

1896. { Virgil, *Æneid* III and Cæsar, *Bellum Gallicum*, V,
VI.
1897. { Virgil, *Æneid* III and Cæsar, *Bellum Gallicum* II,
III, IV.
1898. { Virgil, *Æneid* I and Cæsar, *Bellum Gallicum* II, III,
IV.

N.B.—The Roman method of pronouncing Latin is recommended.

MATHEMATICS.

Algebra.

Elementary Rules: Highest Common Measure; Lowest Common Multiple; Fractions; Square Root; Simple Equations of one, two and three unknown Quantities; Indices; Surds; Easy Quadratics of one and two unknown Quantities.

Geometry.

Euclid: Books 1, 2, and 3; Easy Deductions.

FRENCH.

The candidate's knowledge of Grammar will be tested mainly by questions based upon prose extracts.

The Examination in Composition will consist of (a) translation into French of short English sentences as a test of the candidate's knowledge of grammatical forms and structure, (b) formation in French of sentences of similar character, and (c) translation of passages from English into French.

Translation at sight of modern French, to which special importance will be attached. Candidates will be expected to have supplemented the reading of the following texts by additional practice in the translation of French:—

1896. { Énault, *Le Chien du Capitaine*.
1898. { Feuillet, *La Fée*.
1897. { De Maistre, *Voyage autour de ma chambre*.
{ Labiche, *La Grammaire*.

GERMAN.

The candidate's knowledge of Grammar will be tested mainly by questions based upon prose extracts.

The Examination in Composition will consist of (a) translation into German of short English sentences as a test of the candidate's knowledge of grammatical forms and structure, (b) formation in German of sentences of similar character, and (c) translation of passages from English into German.

Translation at sight of modern German, to which special importance will be attached. Candidates will be expected to have supplemented the reading of the following texts by additional practice in the translation of German:—

1896. }
 1898. } Hauff, das Kalte Herz; Kalif Storch.
 1897. Leander, Träumerein. Selected by Van Daell.

ENGLISH.

Composition:—An essay, to which special importance will be attached, on one of several themes set by the examiners. In order to pass in this subject, legible writing, correct spelling and punctuation, and proper construction of sentences are indispensable. The candidate should also give attention to the structure of the whole essay, the effective ordering of the thought, and the accurate employment of a good English vocabulary. About three pages of foolscap is suggested as the proper length for the essay; but quality, not quantity, will be mainly regarded.

Literature: Such questions only shall be set as may serve to test the candidate's familiarity with, and intelligent and appreciative comprehension of, the prescribed texts. The candidate will be expected to have memorized some of the finest passages, and to have read carefully both prose and poetry outside of the specified work. In addition to questions on the following selections, others shall be set on a "sight passage" to test the candidate's ability to interpret literature for himself:—

1896.

Coleridge:—The Ancient Mariner.

Longfellow:—Evangeline, A Gleam of Sunshine, The Day is Done, The Old Clock on the Stairs, The Fire of Driftwood, Resignation, The Ladder of St. Augustine, A Psalm of Life, The Builders, The Warden of the Cinque Ports.

The following selections from Palgrave's Golden Treasury:—

Wordsworth:—The Education of Nature, A Lesson, To the Skylark, To the Daisy, and the following Sonnets: To a Distant

Friend, "O Friend! I know not which way I must look," "Milton! Thou shouldst be living at this hour," To Sleep, Within King's College Chapel.

Campbell :—"Ye Mariners of England," Battle of the Baltic, Hohenlinden, The River of Life.

Coleridge :—Youth and Age.

1897.

Goldsmith :—The Traveller, The Deserted Village.

Byron :—Fourth Canto of Childe Harold.

The following selections from Palgrave's Golden Treasury:—

Wordsworth :—"She was a Phantom of Delight," The Green Linnet, To the Cuckoo, and the following Sonnets: England and Switzerland, Upon Westminster Bridge, The Inner Vision.

Keats :—Ode to Autumn, Ode to a Nightingale, and the following Sonnets: On Chapman's Homer, The Terror of Death, The Human Seasons.

Shelley :—Ozymandias, To a Skylark, The Recollection.

Scott :—The Outlaw, Jock o' Hazeldean, The Rover, Rosabelle.

1898.

Tennyson :—Morte D'Arthur, Elaine, Recollections of the Arabian Nights, To Virgil, Early Spring, Ulysses, "You Ask Me Why," "Of Old Sat Freedom," "Love Thou Thy Land," Freedom, Ænone, The Lotus Eaters, Crossing the Bar, Lady of Shalott, St. Agnes Eve, Sir Galahad, the six interlude songs in the Princess, and "Tears, Idle Tears."

The following selections from Palgrave's Golden Treasury:—

Gray :—Ode on Vicissitude, Ode on the Spring, Elegy written in a Country Churchyard, Ode on Eton College.

Cowper :—Sonnet to Mary Unwin, To The Same, The Castaway, The Poplar Field, The Shrubbery.

ANCIENT HISTORY.

Outlines of Roman History to the death of Augustus, and of Greek History to the battle of Chaeronea.

The Geography relating to the History prescribed.

CHEMISTRY.

Properties of Hydrogen, Chlorine, Oxygen, Sulphur, Nitrogen, Carbon, and their more important compounds. Nomenclature. Laws of combination of the elements. The Atomic Theory and Molecular Theory.

ART. II. HONOUR MATRICULATION.

Candidates who intend to pursue an Honour Course in the University are recommended to take the Honour Matriculation in Latin, Greek or Moderns, and Mathematics.

Candidates who have taken at least fifty per cent on the Honour papers, at Matriculation, in Latin, Greek (or Moderns), Mathematics, or English, are not required to take the University Junior Class in the subject.

*Subjects of Honour Matriculation for 1895.***LATIN.**

1895. { Horace, Odes, III, IV.
 { Livy, Book XXI.

Translation at sight from Latin authors not specified.

Translation from English into Latin prose.

Latin Grammar.

GREEK.

1895. { Homer, Odyssey, XI.
 { Plato, Apologia, Crito.

Translation at sight from Greek authors not specified.

Translation from English into Greek prose, involving a knowledge of Abbott's Arnold's Greek Prose Composition, or Fletcher and Nicholson's Greek Prose Composition.

Greek Grammar.

MATHEMATICS.

Plane Trigonometry: Trigonometrical ratios with their relations to each other, sines, etc., of the sum and difference of angles with deduced formulas; solution of triangles; expressions for the area of a triangle; radii of circumscribed, inscribed, and escribed circles.

Algebra : More thorough knowledge of the pass subjects, together with Variations, Progressions, Permutations, and Combinations, Binomial Theorem, Interest forms with Annuities.

Euclid, B. IV, VI, and Definitions of B. V.

Note.—Mathematical teachers are recommended to make their pupils acquainted with modern geometrical nomenclature, classification, and methods. Dupuis' Synthetic Geometry is suggested for reference. No examination, however, will be exacted.

ENGLISH.

1. Grammar, Philology, Rhetoric, and Prosody:—The Examination will be chiefly on texts not prescribed, and will have relation to (1) the logical structure of the sentence, including the history of grammatical inflections; (2) the meanings and forms, both present and past, of words; (3) the elements and qualities of prose style; (4) the structure of verse.

2. Poetical Literature:—Intelligent comprehension of and familiarity with the prescribed texts will be required.

3. Composition:—An essay. A liberal choice of subjects will be allowed.

1895. { Shakespeare, Richard II.
 { Chaucer, Prologue.

FRENCH.

Grammar.

Translation from English into French.

Writing easy French from dictation.

Translation of unspecified passages from modern French prose.

An examination on the following texts:—

1895. { Souvestre, Un Philosophe sous les toits.
 { Labiche, Le Voyage de Monsieur Perrichon.

GERMAN.

Grammar.

Translation from English into German.

Writing easy German from dictation

Translation of unspecified passages from modern German prose.

An examination of the following texts:—

1895. { Freytag, Die Journalisten.
 { Schiller, Belagerung von Antwerpen.

CHEMISTRY.

Elementary Inorganic Chemistry: The practical study of the following elements with their most characteristic compounds, in illustration of the outlines of Mendeléeff's classification of the elements: Hydrogen, Sodium, Potassium; Magnesium, Zinc; Calcium, Strontium, Barium, Boron, Aluminium; Carbon, Silicon; Tin, Lead; Nitrogen, Phosphorus, Arsenic, Antimony, Bismuth; Oxygen, Sulphur; Fluorine, Chlorine, Bromine, Iodine, Manganese; Iron, Gold, Platinum.

BIOLOGY.

1. Elements of Botany: The examination will test whether the candidate has practically studied representatives of the flowering plants of the locality in which the preparatory school is situated, and representatives of the chief subdivisions of Cryptogams, such as a fern, a lycopod, a horsetail, a liverwort, a moss, a lichen, a mushroom, and a chara.

A knowledge of structure is required such as can be obtained with the use of the compound microscope. Attention will be given in the examination to drawing and description of parts of plants supplied, and to the classification of these. Comparison of different organs, morphology of root, stem, leaves, and hair, parts of the flower, reproduction of flowering plants, pollination, fertilization, and the nature of fruits and seeds.

2. Elements of Zoology: Practical study of the subject as defined in *The High School Zoology*, but limited by the author's syllabus of the work.

Examiners are recommended to allow a choice of questions on each subject.

Subjects of Honour Matriculation for 1896-98.

GREEK.

Translation into English of passages from prescribed texts.

Translation at sight of passages of average difficulty.

Grammatical questions on the passages from prescribed texts shall be set, and such other questions as arise naturally from the context.

Translation into Greek of ordinary narrative passages of English.

The following are the prescribed texts:—

- | | | | |
|-------|---|---|--|
| 1896. | { | Xenophon, <i>Anabasis</i> I, chs. I–VIII.
Homer, <i>Iliad</i> I.
Odyssey XI.
Plato, <i>Laches</i> and <i>Euthyphro</i> . | |
| 1897. | { | Xenophon, <i>Anabasis</i> I, chs. I–VIII.
Homer, <i>Iliad</i> I.
Odyssey XI
Demosthenes, <i>Pro Phormione</i> ,
Contra <i>Cononem</i> , | { Paley and Sandys' <i>Private Orations</i> , Part II. |
| 1898. | { | Xenophon, <i>Anabasis</i> I, chs. I–VIII.
Homer, <i>Iliad</i> VI.
Odyssey XIII.
Demosthenes, <i>Pro Phormione</i> ,
Contra <i>Cononem</i> , | { Paley and Sandys' <i>Private Orations</i> , Part II. |

LATIN.

Translation into English of passages from prescribed texts.

Translation at sight of passages of average difficulty.

Grammatical questions on the passages from prescribed texts shall be set, and such other questions as arise naturally from the context.

Translation into Latin of ordinary narrative passages of English.

The following are the prescribed texts:—

- | | | |
|-------|---|--|
| 1896. | { | Cæsar, <i>Bellum Gallicum</i> V, VI.
Virgil, <i>Æneid</i> III.
Horace, <i>Odes</i> III, IV.
Livy XXII. |
| 1897. | { | Cæsar, <i>Bellum Gallicum</i> II, III, IV.
Virgil, <i>Æneid</i> III.
Horace, <i>Odes</i> I, II.
Livy XXII. |
| 1898. | { | Cæsar, <i>Bellum Gallicum</i> II, III, IV.
Virgil, <i>Æneid</i> I.
Horace, <i>Odes</i> I, II.
Cicero, <i>In Catilinam</i> I, II, III, IV, and <i>Pro Archia</i> . |

MATHEMATICS.

Algebra.

Elementary Rules; Highest Common Measure; Lowest Common Multiple; Fractions; Square Root; Simple Equations of one, two and three unknown Quantities; Indices; Surds; Quadratics of one and two unknown Quantities; Theory of Divisors; Ratio, Proportion, and Variation; Progressions; Notation; Permutations and Combinations; Binomial Theorem; Interest Forms; Annuities.

Geometry.

Euclid: Books 1, 2, 3, 4, and 6; Definitions of Book 5; Deductions.

Trigonometry.

Trigonometrical ratios with their relations to each other; Sines, etc., of the sum and difference of angles with deduced formulas; Use of Logarithms; Solution of triangles; Expressions for the area of a triangle; Radii of circumscribed, inscribed, and escribed circles.

FRENCH.

The prescription of work in Grammar, Composition, and Sight Translation is the same for Honours as for Pass, but the examination will be of a more advanced character.

The following are the prescribed texts:—

- | | | |
|-------|---|--|
| 1896. | { | Fnault, Le Chien du Capitaine. |
| | | Feuillet, La Fée. |
| 1898. | { | Le Roman d'un jeune Homme pauvre. |
| | | Labiche, Voyage de M. Perrichon. |
| 1897. | { | De Maistre, Voyage autour de ma chambre. |
| | | Labiche, La Grammaire. |
| | | Erckmann-Chatrian, Madame Thérèse. |
| | | Labiche, La Poudre aux Yeux. |

GERMAN.

The prescription of work in Grammar, Composition, and Sight Translation is the same for Honours as for Pass, but the examination will be of a more advanced character.

The following are the prescribed texts:—

1896. { Hauff, das Kalte Herz; Kaliff Storch.
 1898. { Eichendorff, Aus dem Leben eines Taugenichts.
 { Wilhelmi, Einer Muss heiraten.
 { Benedix, Eigensinn.
1897. { Leander, Träumereien. Selected by Van Daell.
 { Freytag, die Journalisten.
 { Gerstäcker, Germelshausen.

ENGLISH.

Composition.:—An essay, to which special importance will be attached, on one of several themes set by the examiner.

Literature.:—The candidate will be expected to have memorized some of the finest passages, and to have read carefully both prose and poetry outside of the specified work. Besides questions to test the candidate's familiarity with, and comprehension of, the following selections, questions may also be set to determine within reasonable limits his power of appreciating literary art:—

1896.

Coleridge :—The Ancient Mariner.

Longfellow :—Evangeline, A Gleam of Sunshine, The Day is Done, The Old Clock on the Stairs, The Fire of Driftwood, Resignation, The Ladder of St. Augustine, A Psalm of Life, The Builders, The Warden of the Cinque Ports.

Milton :—Paradise Lost, Book I.

Shakespeare :—The Merchant of Venice, Richard II.

The following selections from Palgrave's Golden Treasury:—

Wordsworth :—The Education of Nature, A Lesson, To the Skylark, To the Daisy, and the following Sonnets: To a Distant Friend, "O Friend! I know not which way I must look," "Milton! Thou shouldst be living at this hour," To Sleep, Within King's College Chapel.

Campbell :—"Ye Mariners of England," Battle of the Baltic, Hohenlinden, The River of Life.

Coleridge :—Youth and Age.

1897.

Goldsmith :—The Traveller, The Deserted Village.

Byron :—Fourth Canto of Childe Harold.

Milton :—Comus.

Shakespeare :—Macbeth, As You Like It.

The following selections from Palgrave's Golden Treasury:—

Wordsworth :—"She was a Phantom of Delight," The Green Linnet, To the Cuckoo, and the following Sonnets: England and Switzerland, Upon Westminster Bridge, The Inner Vision.

Keats :—Ode to Autumn, Ode to a Nightingale, and the following Sonnets: On Chapman's Homer, The Terror of Death, The Human Seasons.

Shelley :—Ozymandias, To a Skylark, The Recollection.

Scott :—The Outlaw, Jock o' Hazeldean, The Rover, Rosabelle.

1898.

Tennyson :—Morte D'Arthur, Elaine, Recollections of the Arabian Nights; To Virgil, Early Spring, Ulysses, "You Ask Me Why," "Of Old Sat Freedom," "Love Thou Thy Land," Freedom, Ænone, The Lotus Eaters, Crossing the Bar, Lady of Shalott, St. Agnes Eve, Sir Galahad, the six interlude songs in the Princess, and "Tears, Idle Tears."

Milton :—L'Allegro, Il Penseroso, Lycidas, On the Morning of Christ's Nativity.

Shakespeare :—Julius Cæsar, The Tempest.

The following selections from Palgrave's Golden Treasury:—

Gray :—Ode on Vicissitude, Ode on the Spring, Elegy written in a Country Churchyard, Ode on Eton College.

Cowper :—Sonnet to Mary Unwin, To the Same, The Castaway, The Poplar Field, The Shrubby.

HISTORY.

English History from the discovery of America to 1763.

Outlines of Roman History to the death of Augustus, and of Greek History to the battle of Chaeronea.

The Geography relating to the History prescribed.

PHYSICS.

An experimental course defined as follows:—

Mechanics.—Uniformly accelerated rectilinear motion, particularly under gravity; composition and resolution of forces; triangle

and parallelogram of forces ; friction ; polygon of forces ; with easy examples.

Hydrostatics.—Fluid pressure at a point; pressure on a horizontal plane; pressure on an inclined plane; resultant vertical pressure, and resultant horizontal pressure, when fluid is under air pressure and when not; transmission of pressure; Bramah's press; equilibrium of liquids of unequal density in a bent tube; the barometer; air-pump; water-pump, common and force; siphon.

Electricity.—Voltaic cells, common kinds; chemical action in the cell; magnetic effects of the current; chemical effects of the current; voltameter; astatic and tangent galvanometers; simple notions of potential; Ohm's law, with units; best arrangement of cells; electric light, arc and incandescent; magnetism; inclination and declination of compass; current induction; induction coil; dynamo and motor; electric bell; telegraph; telephone; electroplating.

Sound.—Caused by vibrations; illustration of vibrations, pendulums, rods, strings, membranes plates, columns of air; propagated by waves; its velocity; determination of velocity; pitch; standard forks, acoustical, $C=512$, musical, $A=870$; intervals; harmonic scale; diatonic scale; equally tempered scale; vibration of air in open and closed tubes, with wave-lengths; resonators; nodes and loops; vibration of strings and wires; reflexion of sound; manometric flames.

Light.—Rectilinear propagation; image through a pin-hole; beam, pencil; photometry; shadow and grease-spot photometers; reflexion and scattering of light; laws of reflexion; images in plane mirrors; multiple images in inclined mirrors; concave and convex mirrors; drawing images; refraction; laws and index of refraction; total refraction; path through a prism; lenses; drawing image produced by a lens; simple microscope; dispersion and color; spectrum; recombination of white light.

CHEMISTRY.

Chemical Theory. The practical study of the following elements, with their most characteristic compounds, in illustration of Mendelejeff's classification of the elements: Hydrogen; Sodium, Potassium; Magnesium, Zinc; Calcium, Strontium, Barium; Boron, Aluminium; Carbon, Silicon, Tin, Lead; Nitrogen, Phosphorus, Arsenic, Antimony, Bismuth; Oxygen, Sulphur; Fluorine, Chlorine, Bromine, Iodine; Manganese, Iron. Elementary Qualitative Analysis.

BIOLOGY.

1. Elements of Zoology. Thorough examination of the external form, the gills, and the viscera of some common fish. Study of the prepared skeleton of the same. Demonstration of the arrangement of the muscular and nervous systems and the sense-organs, as far as these can be studied without the aid of the microscope.

Comparison of the structure of the frog with that of a fish. The skeleton of the pectoral and pelvic girdles, and of the appendages of the frog, should be studied and the chief facts in the development of its spawn observed, till the adult form is attained.

Examination of the external form of a turtle and a snake.

Examination of the structure of a pigeon or a fowl.

Study of the skeleton, and also of the teeth and viscera of a cat or dog.

Study of a crayfish as a type of the Arthropods.

Comparison of the crayfish with an insect (grasshopper, cricket or cockroach); also with a millipede and a spider.

Examination of an earthworm and a leech.

Study of a fresh-water mussel and a pond-snail.

The principles of zoological nomenclature as illustrated by some of the common fresh-water fish, such as the sucker and herring, bass and perch.

Study of an amœba or paramœcium as a type of a unicellular animal.

The modifications of the form of the body in vertebrates in connection with different methods of locomotion.

2. Elements of Botany. The examination will test whether the candidate has practically studied representatives of the flowering plants of the locality in which the preparatory school is situated, and representatives of the chief sub-divisions of cryptogams, such as a fern, a lycopod, a horsetail, a liverwort, a moss, a lichen, a mushroom, and a chara.

An elementary knowledge of the microscopic structure of the Bean and the Maize. Attention will be given in the examination to drawing and description of parts of plants supplied, and to the classification of these. Comparison of different organs, morphology of root, stem, leaves, and hair, parts of the flower, reproduction of flowering plants, pollination, fertilization, and the nature of fruits and seeds.

ART. III. MATRICULATION SCHOLARSHIPS.

To be eligible for a scholarship a candidate must pass in English, Mathematics, Latin and Greek or Moderns.

A scholarship cannot be held without attendance on University classes.

Successful candidates must take two-thirds of the number of marks allotted to the subject or subjects upon which the scholarship is awarded.

The following, numbered from 1 to 9 inclusive, will be awarded on the combined results of the Pass and Honour Departmental Examinations in July; those from 10 to 13 will be awarded on the Pass Departmental Examinations in July:

1. THE PRINCE OF WALES.

Endowed by H. R. H. the Prince of Wales. Value \$60. Awarded in English, Mathematics, Latin, and Greek.

2. THE GOVERNOR GENERAL. NO. 1.

Given by His Excellency, Lord Aberdeen, LL.D. Value \$75. Awarded in Mathematics.

3. THE CHANCELLOR.

Given by Sandford Fleming, C.E., C.M.G., LL.D., Chancellor of the University. Value \$60. For general proficiency.

4. MACKERRAS MEMORIAL.

Founded in memory of the late Professor Mackerras. Value \$100. Awarded in Latin and Greek.

5. CATARAQUI.

Given by J. B. Carruthers, Esq., of Kingston. Value \$50. For general proficiency.

6. LEITCH MEMORIAL NO. 1.

Founded in memory of the late Principal Leitch. Value \$57. Awarded in English and Moderns.

7. FORBES M'HARDY.

Founded by the late Forbes McHardy, Esq., Toronto. Value \$25. For general proficiency.

8. SENATE NO. 1.

Exempts from class and registration fees for the four years course. For general proficiency.

9. WATKINS.

Founded by the late John Watkins, Esq., Kingston. Value \$60. For English, Mathematics, Latin, and Greek or Moderns, but tenable only by candidates who have spent one year at the Kingston Collegiate Institute.

10. THE MAYOR.

Given by the Mayor, Kingston. Value \$50. For general proficiency.

11-13. SENATE NOS. 2, 3, AND 4.

Exempt from class and registration fees for the four years course. For general proficiency.

14. MOWAT.

Founded by the late John Mowat, Esq., Kingston. Value \$50. Awarded in Arithmetic.

Special Scholarships and Exhibitions.

THE M'LENNAN GLENGARRY FOUNDATION FUND.

Four exhibitions have been established in connection with this Fund, by R. R. McLennan, Esq., Alexandria. Value \$75 a year each, with exemption from class fees. They are awarded for general proficiency, and are tenable for four years but only by candidates from the county of Glengarry. Competition for one of these will take place annually, at the matriculation examination.

MARION STEWART M'DONALD.

Founded by John S. McDonald, Esq., Fond du Lac, Wis. Value \$75. For general proficiency, but tenable only by candidates from Glengarry.

M. C. CAMERON.

Founded by M. C. Cameron, Esq., Goderich. Value \$60. Given to the best Gaelic scholar, reader or speaker. The examination takes place after the September matriculation examination.

ST. ANDREW'S CHURCH, RENFREW.

Awarded after the September matriculation examination on the nomination of the Kirk-session of Renfrew.

ART. IV. ONTARIO TEACHERS' CERTIFICATES.

Teachers' certificates which are of sufficiently recent date, will be accepted *pro tanto*, according to the following scheme :

SECOND CLASS. For matriculation in all the subjects covered by the candidate's certificate.

FIRST C. For the Junior Classes in the subjects covered by the candidate's certificate.

FIRST B AND FIRST A.

Department of English and History.

First B, for Junior and Senior English,
and Junior and Senior History.

First A, for 1st and 2nd year Honours in English,
and 1st year Honours in History.

Department of Mathematics.

First B, for subjects 2, 4, 5 Honour Course.

First A, for subjects 2, 4, 5, 6 Honour Course.

Department of Natural Science.

First B and First A, for Junior and Senior Chemistry, Botany
and Junior Physics.

Department of Moderns.

First B, for Junior Moderns.

First A, for Senior Moderns.

Department of Classics.

First B, for Junior and Senior Latin and Greek.

First A, for first year Honours in Latin and Greek.

DEPARTMENTAL REQUIREMENTS FOR SPECIALISTS' CERTIFICATES.

The Education Department accepts the examinations held in Queen's University upon the following parts of the Pass and Honour courses, for Departmental Specialists' Certificates. The standard is one-third of the marks obtainable in each paper and sixty-seven per cent. of the total of the marks obtainable in the papers on the prescribed subjects. The work prescribed must be taken at one or, at most, two examinations. Supplementary examinations are not accepted.

I. SPECIALIST IN ENGLISH AND HISTORY.

English.

Junior Class—Senior Class—1st and 2nd year Honours.†

History.

Junior Class—Senior Class.†

II. SPECIALIST IN FRENCH AND GERMAN.

Junior Class—Senior Class—1st year Honours.†

III. SPECIALIST IN SCIENCE.

Physics.

Junior Class—Senior Class—Optics of 1st Honour Class.†

Chemistry.

Junior Class—Senior Class—Laboratory Practice, Qualitative Analysis.†

Natural Science.

The Pass Classes in Botany, Animal Biology, Geology, Physical Geography, and Mineralogy (First year); and the 1st year Honour Classes in Botany and Animal Biology.

Persons holding Senior Leaving Certificates with the Science option are required to take only the following subjects in order to qualify as Departmental Specialists in Science.

Senior Physics.	1st year Mineralogy.
Geometrical Optics of 1st	Geology.
Hon. Physics.	1st Hon. Botany and
Senior Chemistry with	Animal Biology.
Laboratory.	

IV. SPECIALIST IN MATHEMATICS.

Junior Class—Honour work, Sec. 1 to 7, with Analytic Solid Geometry, Sec. 10.†

Junior Physics—Senior Physics—Optics of 1st Honour Class.†

V. SPECIALIST IN CLASSICS.

Junior Class—Senior Class, and 1st year Honours in Latin and Greek.†

Junior History (Greek and Roman).†

†See "Subjects of Study for B.A. and M.A."

ART. V. EXTRA-MURAL STUDENTS.

1. The Senate may, for special reasons, allow extra-mural students to enter upon the work of the Pass or Honour courses and to present themselves for examination without attendance upon classes; but, candidates for a degree must, before being registered, pass the Matriculation, or an examination accepted by the Senate as equivalent.

2. Extra-mural students must register before University day (Oct. 16th), and obtain from the Registrar class tickets in the subjects upon which they propose to be examined in the following April or September. These tickets must be forwarded at once to the professors of the respective classes.

3. Extra-mural students must write the essays and exercises prescribed, (See "Subjects of study for extra-mural students,") and send them to the professor of the subject at the dates specified.

4. An examination may be held on application from candidates who have complied with the above regulations, in any locality where the Senate has appointed a presiding examiner or to which the University sends an examiner. In all cases the examination fee must be paid in advance by the candidates, and in addition a minimum fee of \$15 when the examinations do not extend over more than one week, and \$25 when they exceed that time.

5. Students must make application to the Registrar, at least three weeks before the beginning of the University examinations in April and September, for the papers on the particular subjects, as laid down in the Calendar, on which they propose to write.

6. Extra-mural students who have been unable to complete the year's work and take their examinations in

the year of registration, may register again for the work of that year, on payment of half the usual fee (\$5).

7. When a student has done the regular work of the session, but has been unable to take the examination, or has failed in his examination, he may write without additional registration on paying the examination fee (\$3).

8. Extra-mural students, taking only French or German, or one subject in Natural Science, may register on payment of \$5.

9. Oral examinations in Moderns and practical examinations in Science must be taken at the University.

Special Provisions for the North-West Territories.

The Senate will hold examinations in the North-West Territories, provided that all expenses be paid, and that not fewer than three candidates apply for examination at the same place.

The Board of Education for the North-West Territories has been requested to name suitable persons as presiding examiners, to whom the sealed papers may be sent.

Extra-mural students in the North-West Territories will be required to conform to the foregoing regulations, 1, 2 and 3.

VI. SUMMER SCHOOL IN SCIENCE.

Members of the University staff and of the staff of the School of Mining and Agriculture have arranged to hold a Summer School of Science, for the benefit of Public and High School Teachers and others, to begin on July 10th, 1895, and to continue in session for about four weeks.

The object of this School is two-fold; firstly, to give to teachers an opportunity of studying the chemistry, min-

erology, geology, botany and zoology of the farm, as recommended by the Department of Education ; and secondly, to enable teachers, who cannot attend the University during the winter session, to prepare for the practical part of the Specialists' Examination in the subjects mentioned.

Classes will be held in the School of Mining and Agriculture. For details, see Calendar of the School. Persons intending to take these summer classes should apply at once for prospectus to Wm. Mason, Bursar, School of Mining, Kingston.

ART. VII. COURSES LEADING TO THE DEGREE OF B.A.

The course, after Matriculation, extends over four sessions. But students who take the Honour Matriculation in Latin, Greek or Moderns, Mathematics, and English may complete their course in three years.

Pass and Honour Examinations are held annually in April, and Pass Examinations in September also.

The degree of B.A. will be conferred on

- (1) Candidates who take second-class Honours in any of the Honour courses (see p. 36).
- (2) Candidates who take either of the following Pass courses :

COURSE I.

Junior and Senior Latin, Junior and Senior Greek or Moderns, Junior and Senior English, Junior and Senior Philosophy, Junior and Senior Mathematics,† Junior Chemistry and Junior Physics, together with any two of the following :

- (1) Junior and Senior History, (2) Junior and Senior Political Science, (3) Junior and Senior French.†† (4) Junior and Senior German,†† (5) Senior Physics and Senior Chemistry, (6) Botany

†See Honour Course in Mathematics.

††Only for those who have not yet taken them.

and Animal Biology, (7) Geology and Mineralogy, (8) Hebrew, (9) and (10) First year Honours, except in English, where second year Honours are required, and in Mathematics, for which see Department of Mathematics.

COURSE II.

Junior Latin, Junior Greek or Moderns, Junior and Senior English, Junior and Senior Philosophy, Junior and Senior Mathematics, Junior Chemistry and Junior Physics, together with any four of the following :

(1) Senior Latin, (2) Senior Greek or Moderns, (3) Junior and Senior History, (4) Junior and Senior Political Science, (5) Senior Physics and Senior Chemistry, (6) Botany and Animal Biology, (7) Geology and Mineralogy, (8) Hebrew, and (9), (10), (11), and (12) First year Honours, except in English, where second year Honours are required, and in Mathematics, for which see Department of Mathematics.

NOTE.—Senior French will be accepted instead of Junior German, and Senior German instead of Junior French.

No student is allowed to take a Senior class before passing the Junior in the same subject.

Students should take the classes in English, Classics, and Mathematics in the first two years of their course.

ART. VIII. COURSES OF STUDY LEADING TO THE DEGREE OF M.A.

Students preparing for the position of High School Master are recommended to take one of the M.A. courses that qualify for Specialists' Certificates under the Departmental Regulations (See page 32).

The degree of M.A. is conferred on students who take first-class Honours as described in the following groups :

A. LITERATURE.

Candidates in this group must take first-class Honours in two of the following subjects :

Latin, Greek, Moderns, English, History, Political Science, Mental Philosophy, Moral Philosophy.

In addition to his Honour course, a candidate must take the following classes of the B.A. course :

Junior and Senior Latin, Junior and Senior Greek or Moderns, Junior and Senior English, Junior and Senior Philosophy, Junior Mathematics, and Junior Political Science or History.

Every Honour student must take the Pass classes of his Honour subjects.

B. MATHEMATICS AND SCIENCE.

Candidates in this section must take the following Pass subjects :

Junior Latin, Junior Greek or Moderns, Junior and Senior English, Junior Philosophy, Junior Physics, Junior and Senior Mathematics.

They must also take one of the following Honour courses :

1. Mathematics :

Comprising Honour Mathematics, Senior Physics, First Honour Physics and Practical Astronomy.

2. Physics :

Comprising Senior Physics, Honour Physics, subjects 1, 2, 3, 4, 5, 6, 10, and 11, of Honour Mathematics, and Descriptive Astronomy.

3. Chemistry and Experimental Physics :

Comprising Junior and Senior Chemistry, Honour Chemistry, Senior Physics, and advanced Experimental Physics.

4. Chemistry, with either Botany or Animal Biology :

Comprising the Botany and Animal Biology of the Pass course, Junior and Senior Chemistry, Honour Chemistry, and Honours in Botany or in Animal Biology.

5. Chemistry, with either Geology or Mineralogy :

Comprising the Geology, Physical Geography and Mineralogy of the Pass course, Junior and Senior Chemistry, Honour Chemistry, and Honours in Geology or in Mineralogy.

NOTE.—In the courses of group B, Senior Philosophy may be substituted for Senior English.

The following course in the University leads to the Degree of M.A. or B.A., and with it to the qualification of Departmental Specialist in Science :

Junior Latin.	Junior Chemistry.
Junior Greek or Moderns.	Senior Chemistry with
Junior English.	Laboratory Work.
Junior Philosophy.	Botany and An. Biology.
Junior Mathematics.	Geology and Mineralogy.
Senior Mathematics.	1st Hon. Botany.
Junior Physics.	1st Hon. Animal Biology.
Senior Physics with Geo-	
metrical Optics.	

With one of the following options :

I.	II.	III.
2nd Hon. Botany.	1st Hon. Chemistry.	1st Hon. Mineralogy.
2nd Hon. An. Biol.	2nd Hon. Chemistry.	2nd Hon. Mineralogy.
	IV.	
	1st Hon. Geology.	
	2nd Hon. Geology.	

**ART. IX. DEGREES OF DOCTOR OF PHILOSOPHY (Ph.D.)
AND DOCTOR OF SCIENCE (D.Sc.)**

1. Candidates for these degrees must have previously taken the degree of M.A. in the subjects they propose to offer, or must satisfy the Senate of their ability to proceed with the course.

2. Neither of these degrees can be obtained in less than four years from the date of graduation as M.A.

3. Candidates must give notice in writing to the Senate of the course they intend to take, at least two years before they present themselves for examination.

4. All candidates must submit a thesis on some subject connected with their special course, embodying the results of original investigation.

DOCTOR OF LAWS (LL.D.)

This degree is honorary, and is awarded for literary, scientific, or professional distinction.

SUBJECTS OF STUDY FOR B.A. AND M.A.

LATIN.

Professor : J. Fletcher, M.A., Oxon.

Asst.-Professor : Rev. A. B. Nicholson, B.A.

Tutor : R. Laird, M.A.

JUNIOR CLASS.

Latin Grammar (Allen & Greenough).

Latin Composition: (a) Sentences to illustrate Latin syntax.

(b) Translation into Latin of simple English based on the prescribed book of Livy (Text-book: Fletcher & Henderson's *Latin Prose Composition*).

Translation of simple Latin at sight.

Livy, B. XXI.

Horace, *Odes*, B. III, IV (Page).

SENIOR CLASS.

Latin Grammar.

Latin Composition: (a) Sentences to illustrate Latin syntax.

(b) Translation into Latin of simple English based on the prescribed Cicero (Text-book: Fletcher & Henderson's *Latin Prose Composition*).

Translation of simple Latin at sight.

Cicero, *Pro Murena* (Heitland). } From Harper's
 Pro Marcello. } *Select Orations*.
 Philippic XIV.

Vergil, *Æneid*, B. VII, VIII (Sidgwick).

HONOURS.

First Year.

(This class must be taken at least one year before the Final examination. It may also be taken as a Pass class).

Latin Grammar and Composition.

Translation from authors not specified.

Roman Literature (Cruttwell).

Plautus, *Trinummus* (Freeman & Sloman).

Vergil, *Æneid*, B. IX, X (Sidgwick).

Horace, B. I, II (Page).

Satires, B. I.

Cicero, *Pro Milone* (Purton).

Pro Ligario.

Pro Deioturo.

Tacitus, *Annals*, B. I (Furneaux).

Final Examination (M. A. course).

- Livy, B. XXI (Capes).
 Cicero, *De Natura Deorum*, B. II (Mayor).
 Pro Milone (Purton).
 Philippic I (King).
 Philippic II (Mayor).
 Philippic XIV.
 Pro Ligario.
 Pro Marcello.
 Pro Deiotaro.
 Pro Murena (Heitland).
 Tacitus, *Annals*, B. I (Furneaux).
 Lucretius, B. III (Lee).
 Vergil, *Bucolics* (Sidgwick).
 Georgics, B. I and IV (Sidgwick).
 Æneid (Sidgwick).
 Plautus, *Trinummus* (Freeman & Sloman).
 Terence, *Phormio* (Bond & Walpole).
 Horace, *Odes* (two books).
 Satires, B. I.
 Epistles, B. I (Shuckburgh).
 Juvenal, *Satires*, III, VII, VIII, X (Hardy).
 Roman Literature (Cruttwell, Simcox, Sellar).
 Latin Grammar and Composition.
 Translation from authors not specified.

Questions will be set on Roman History, Roman Literature, and on the subject-matter of the prescribed books.

Candidates must also take the paper in Roman History of the class in Junior History.

GREEK.

- Professor* : Rev. J. MacNaughton, M. A.
Asst.-Professor : Rev. A. B. Nicholson, B. A.
Tutor : Arthur E. Ross, B. A.

JUNIOR CLASS.

- Greek Grammar.
 Greek Composition (Text-book: Fletcher and Nicholson's
 Elementary Greek Prose Composition).
 Translation from authors not specified.
 Plato, *Laches*, *Euthyphro*.
 Homer, *Odyssey*, B. XI.

SENIOR CLASS.

Thucydides, B. II (Marchant).
 Homer, *Odyssey*, VII–XII.
 Greek Grammar and Composition.
 Translation from authors not specified.

HONOURS.

First Year.

(The examination in this class must be taken at least one year before the Final examination).

Thucydides, B. IV.
 Homer, *Odyssey*, B. VII, VIII.
 Euripides, *Medea*.
 Sophocles, *Ædipus Rex* (Jebb).
 Aristophanes, *Clouds* (Merry).
 Greek Grammar and Composition.
 Greek Literature (Jevon's).
 Translations from authors not specified.

Final Examination.

Herodotus, B. VIII.
 Thucydides, Two Books.
 Demosthenes, *De Corona* (Holmes).
 Aristotle, *Ethics*, B. I, II, X.
 Plato, *Republic*, B. I, II, III, IV (Stallbaum).
 Homer, *Odyssey*, B. I–XII.
 Hesiod, *Works and Days* (Paley).
 Æschylus, *Agamemnon* (Sidgwick).
 Prometheus.
 Sophocles, *Electra*.
 Theocritus, *Idylls*, I, IV, VI, VIII, XV (Snow, Fritzsche).
 Bion, *Idyll*, I.
 Moschus, *Idyll*, I.
 Euripides, *Medea*.
 Aristophanes, *Clouds* (Merry).
 Pindar, *Isthmia* (Fennell).
 Greek Grammar and Composition.
 Translation from authors not specified.

Books recommended :

Mahaffy's Greek Literature.
 Jevon's Greek Literature.
 Goodwin's Greek Grammar.
 Grote's Greece.
 Curtius' Greece.

Candidates for Honours must also take the paper on Greek History of the Junior History class.

COMPARATIVE PHILOLOGY AND SANSKRIT.

Lecturer : Rev. A. B. Nicholson, B.A.

1. A Course of Lectures on Greek and Latin Philology (one hour a week).

For reference : Henry's Compar. Grammar of Greek and Latin.

Brugmann's Compar. Grammar.

This course must be taken by all Honour candidates in Latin and Greek.

2. Elements of the Sanscrit Language.

Text-books : Perry's Sanscrit Primer.

Whitney's Sanscrit Grammar.

Lanman's Sanscrit Reader.

Students for honours taking this course will be exempted from one Greek and one Latin author (other than Cicero or Vergil).

MODERNS.

1. *German.*

Professor : John Macgillivray, Ph.D. (Leipsic).

Tutor : H. A. Connolly.

JUNIOR CLASS.

Spielhagen, Röschen vom Hofe.

Carmen Sylva, Ein Gebet.

Riehl, Der Fluch der Schönheit (Holt & Co).

Hodges, Scientific German, Pt. I (D. C. Heath & Co).

Translation from authors not specified.

Grammar (Whitney).

Writing German from Dictation.

Oral and Written Composition.

SENIOR CLASS.

Theodor Storm, Geschichten aus der Tonne (Ginn & Co).

Hackländer, Der Geheime Agent (Macmillan & Co).

Haas, Sturm und Drangperiode der Erde, I.

Eichendorff, Aus dem Leben eines Taugenichts (D. C. Heath & Co).

Translation from authors not specified.

Translation into German (Otto, Materials for Translating English into German, 1st Part).

Writing German from Dictation.

Oral and Written Composition.

HONOURS.

First Year.

Lessing, Nathan der Weise.

Goethe, Faust, I.

Schiller, Wilhelm Tell.

Scheffel, Der Trompeter von Säkkingen.

Translation from authors not specified.

Translation into German (Otto, 1st Part).

Writing German from Dictation.

Oral and Written Composition.

History of German Literature of the 18th and 19th centuries (Kluge).

Final Examination.

(Unabridged editions only are to be used).

Gottschall, Katharina Howard, Die Diplomaten.

Ebers, Die Frau Bürgermeisterin.

Freytag, Die Verlorene Handschrift.

Scheffel, Ekkehard, Der Trompeter von Säkkingen.

Lessing, Minna von Barnhelm, Nathan der Weise.

Goethe, Faust, Egmont, Torquato Tasso, Die Leiden des jungen Werthers.

Schiller, Don Carlos, Wallenstein, Maria Stuart, Die Jungfrau von Orleans, Wilhelm Tell.

Deutsches Balladenbuch (Simonson).

Old German Texts: Gothic—Matt. 5-7, Mark 1, Skereins, 49, 50 (Braune's Gothische Grammatik); Old High German—Muspilli, Das Ludwigslied, Otfrid (Wright's Old High German Primer); Middle High German—Hartman von Ouwe, Walter von der Vogelweide, Das Nibelungenlied (Wright's Middle High German Primer).

Behagel, Die Deutsche Sprache.

Kluge, Geschichte der deutschen National-Litteratur.

Translation into German (Otto).

Oral and Written Composition.

2. *French.*

Professor: John Macgillivray, Ph.D.

Tutor: J. W. McIntosh, M.A.

JUNIOR CLASS.

De Peyrebrune, Les Frères Colombe } Gage & Co.
Feuillet, La Fée (Comédie).

Jules Verne, L'Expédition de la Jeune-Hardie (D. C. Heath & Co).
 Herdler, Scientific French Reader, I-XXXV (Ginn & Co).
 Grammar (Whitney).
 Translation from unspecified authors.
 Writing French from Dictation.
 Oral and Written Composition.

SENIOR CLASS.

Erckmann-Chatrian, Waterloo (D. C. Heath & Co).
 H. Gréville, Le Moulin Frappier (Macmillan & Co).
 Sandeau, Mlle. de la Seiglière (D. C. Heath & Co).
 George Sand, Marianne (Holt & Co).
 Translation from unspecified authors.
 Translation into French (Roulier's Composition, 2nd Part).
 Writing French from Dictation.
 Oral and Written Composition.

HONOURS.

First Year.

La Fontaine, Fables, Bks. I—V.
 Molière, Le Misanthrope.
 Beaumarchais, Le Barbier de Séville (Macmillan & Co).
 Voltaire, Mérope.
 Victor Hugo, Ruy Blas.
 A. Daudet, Lettres de mon moulin.
 Translation from unspecified authors.
 Translation into French (Roulier, 2nd Part).
 Writing French from Dictation.
 Oral and Written Composition.
 History of French Literature during the 17th, 18th and 19th centuries, with the outlines of the preceding periods.
 (Petit de Julleville).

Final Examination.

(Unabridged editions only are to be used).

Alphonse Daudet, Le Petit chose, Lettres de mon moulin.
 Pierre Loti, Pêcheur d'Islande.
 About, Roman d'un brave homme.
 Balzac, Eugénie Grandet.
 Corneille, Cinna, Pompée, Polyeucte, Horace.
 Racine, Mithridate, Athalie, Iphigénie.
 Molière, Le Dépit amoureux, Le Bourgeois gentilhomme.
 Le Misanthrope.
 La Fontaine, Fables.

Voltaire, La Mort de César, Mahomet, Mérope.
 Beaumarchais, Le Barbier de Séville.
 Chateaubriand, Atala, René.
 Victor Hugo, Ruy Blas, Cromwell, Orientales, Les
 Misérables, Vol. I.
 Alfred de Vigny, Cinq-Mars.
 Émile Zola, La Débâcle.
 Old French Texts : Vie de Saint Alexis, Chanson de Ro-
 land, Huon de Bordeaux, Le Chevalier au Lion, Ville-
 hardouin (Clédât, Morceaux choisis des auteurs fran-
 çais du moyen âge).
 Brachet, Grammaire Historique de la Langue Française.
 Petit de Julleville, Leçons de Littérature Française.
 Translation into French (Roulier).
 Oral and Written Composition.

3. Italian.

Professor : John Macgillivray, Ph.D.

HONOURS.

Final Examination.

De Amicis, Il più bel Giorno della Vita.	} (Veit & Co., Leipsic).
Del Testa, Le Coscienze Elastische.	
Carcano, La Nunziata.	
L. Marenco, Perché al cavallo gli si guarda in bocca ?	
Tasso, La Gerusalemme Liberata, I-II.	
Dante, Inferno. I-VII.	
Grammar (Grandgent).	
Translation into Italian (Grandgent's Italian Composition).	
History of Italian Literature in outline (Snell's Primer of Italian Literature [Macmillan & Co]).	

ENGLISH LANGUAGE AND LITERATURE.

Professor : James Cappon, M.A.

Tutor : W. Peck, M.A.

JUNIOR CLASS.

1. Practical course in Rhetoric and Composition.
2. Lectures on style in connection with the study of passages from Bacon, Jeremy Taylor, Sir Thomas Browne, Addison, Johnson, Burke, Macaulay.

3. A detailed study (in class) of the following works :

Chaucer, Prologue to Canterbury Tales.
 Shakespeare, Julius Caesar.
 Carlyle, Essay on Burns.

SENIOR CLASS.

I.

1. Development of poetry and poetic forms from Chaucer to Shakespeare.
2. A critical study (in class) of the following works :
 Shakespeare, Henry V.
 Milton, Paradise Lost, B. I.

II.

3. A critical study (in class) of the following works :
 Dryden, Alexander's Feast, Annus Mirabilis.
 Pope, Essay on Man.
 Goldsmith, Deserted Village.
 Gray, Elegy, Ode on Eton College.
 Johnson, Vanity of Human Wishes, Life of Dryden.
 Gibbon, Decline and Fall, Chap. XXXV.
 Crabbe, The Village.
 Burns, Ward's Selections in "The English Poets."

In addition an acquaintance with the following works is required :

Addison, Selections from Papers in the *Spectator* (Macmillan & Co).
 Pope, Rape of the Lock.
 Goldsmith, Vicar of Wakefield.
 Cowper, The Task, Book VI.
 White's Natural History of Selborne.

III.

1. A critical study (in class) of the following works :
 Wordsworth, Solitary Reaper, The Cuckoo, Ruth, Song at Feast of Brougham Castle.
 Carlyle, Essay on Johnson.
2. Lectures on the History of the English Language.
3. Specimens of Early English (Morris & Skeat). Extracts I, III, IX, X, XV.

HONOURS.

First Year.

1. The study of Anglo-Saxon (Sweet's Anglo-Saxon Reader, Introduction and Specimens, I, II, VIII, IX, X, XV, XXI, XXVI, XXVII).
2. Lectures on Early English Literature.

Second Year.

Tennyson, Aylmer's Field.

Byron, Bride of Abydos.

Wordsworth, The Prelude ; Selections as found in Golden Treasury Series.

Coleridge, Shelley, Keats. (Ward's Selections in "The English Poets").

Clough, Poems.

Arnold, Poems.

Browning, (a) Grammarian's Funeral, Andrea del Sarto, Fra Lippo Lippi, Pictor Ignotus, The Bishop orders his Tomb, Bishop Blougram, How it Strikes a Contemporary, Epistle of Karshish, Cleon, A Soul's Tragedy: (b) Abt Volger, Saul, A Toccata of Galuppi's, The Laboratory, The Glove, Dis Aliter Visum, Youth and Art, Waring, The Englishman in Italy.

Arnold, On Translating Homer ; Essays on Wordsworth and Byron (Essays in Criticism, Second Series).

Carlyle, Sartor Resartus.

Third Year.

Scott, Old Mortality, Guy Mannering.

Thackeray, The Newcomes, Vanity Fair.

Hawthorne, House of the Seven Gables, Twice-Told Tales.

Emerson, The Method of Nature (Essays), Representative Men.

Carlyle, Essay on Johnson, on Gæthe's Works.

Browning, The Ring and the Book.

Arnold, Essays in Criticism (First Series).

A general knowledge of the following works is required for the final examination in Honours :

Macaulay, Essays from the Edinburgh Review ; Comic Dramatists of the Restoration, Horace Walpole.

Lowell, My Study windows.

Stedman, Victorian Poets.

Dowden, Studies in Literature.

Sainte Beuve, Causeries du Lundi, vol. I.

Edmond Scherer, Etudee sur La Littérature Contemporaine, vol. I.

Carlyle, Life of John Sterling.

*For Extra-mural Students.**First Year Pass.*

Subjects of study the same as those for intra-mural students.

Second Year Pass.

Subjects of study the same as those for intra-mural students.

HONOURS.

The subjects of study for Honours are the same as those for intra-mural students. A corresponding class will be formed for the purpose of assisting the extra-mural students in this department, and in connection with it, a special course of lectures will be given. The course, of which a synopsis is given below, will consist of extracts from Professor Cappon's lectures, selected chiefly for the purpose of suggesting methods of analysis and criticism. This course is voluntary, and a corresponding tutor has been appointed to communicate with extra-mural students who may wish to take it. A written copy of each of the lectures will be sent to the student every fortnight, and an exercise will be prescribed which the student must write and forward to the tutor within the same period.

A special fee of ten dollars will be charged for this course.

WORDSWORTH.

1. Style in relation to thought and life. The problems of criticism. Wordsworth's theory of poetic diction. Analysis of the Artificial Style and the New Style. Illustrations.
2. Wordsworth's Development. Psychological analysis of the *Prelude*. Wordsworth's strengths and defects.
3. Criticism of *Ruth*, *The Solitary Reaper*, *Michael*, and other poems. Wordsworth's revelation of nature. Wordsworth as an interpreter of human life.
4. Philosophic basis of the poetic interpretation of nature. Wordsworth and Shelley compared from this point of view.

SHELLEY.

5. Function of poetry. Fundamental ideas in Shelley's poetry. Critical analysis of *Alastor*, *Prometheus Unbound*, *Ode to the West Wind* and other poems. Characteristics of Shelley's style and rhythm.

BROWNING.

6. Introductory remarks. Analysis of *The Grammarian's Funeral*, *The Bishop at St. Praxed's*, *An Epistle*, and other poems.
7. Browning's interpretation of life. Analysis of *Andrea del Sarto*. The leading ethical principle in Browning. Illustration from various poems.
8. Browning on the artistic side. The lyrical and dramatic standards in rhythm. Illustrations.
9. Quality and range of Browning's dramatic power. His development of dramatic methods. The dramatic monologue.

THE NOVELISTS.

10. The novel as a form of the literary art. Descriptive and dramatic elements. Scott and Hawthorne as types.
11. The Morality of Art. Ethical value of the work of Scott and Hawthorne.
12. Critical and ethical tests. Illustrations from *Old Mortality* and *The House of the Seven Gables*. Constructive art. Dramatic art. Reflective power. Style.

CRITICAL METHODS AND ILLUSTRATIONS.

13. *Rhythm*. Methods of Analysis. The development of blank verse: Surrey, Marlowe, Shakespeare, Milton; Rhythmical development from Shakespeare to Pope; Epic and lyrical rhythm of Wordsworth, Shelley and Tennyson.
14. *Diction*. Methods of analysis. Johnson, Burke, Macaulay, Carlyle, Ruskin, Arnold.

HISTORY.

Professor : Rev. George D. Ferguson, B.A.

JUNIOR CLASS.

A.

Lectures on :

- The Study of History, its methods and purposes.
- Causes of the Fall of the Roman Empire.
- The Settlements of the Teutonic Nations within the Empire.
- The Feudal System.
- The Growth of the Towns in the Middle Ages.
- The Italian Republics.

Students will also be examined on :

Hallam's Middle Ages, Chaps. I. to VII.

Books recommended to be read :

Gibbon's Decline and Fall of the Roman Empire.

Guizot's History of France.

Guizot's History of Civilization in Europe.

Guicciardini's History of Italy.

Instead of the above, honour students in classics will be allowed to substitute Greek and Roman History as follows :

Greek History.

(a) A knowledge of the general history of Greece as contained in Smith's Student's History of Greece.

(b) The history in detail of the Peloponnesian war and of the rise of the Macedonian power.

Roman History.

(a) A knowledge of the general history of Rome as contained in Mommsen's History of Rome (abridged).

(b) Roman History in detail, from the time of the Gracchi (inclusive) to the accession of Tiberius.

SENIOR CLASS.

The development of representative Government.

The British Constitution.

The Constitution of the United States.

The Canadian Constitution.

Students will also be examined on :

Hallam's Middle Ages, Chaps. VIII and IX.

Green's Smaller History of the English people.

Bourinot's Constitution of Canada.

Books recommended to be read :

Freeman's Growth of the English Constitution.

Green's Larger History of the English people.

Kingsford's History of Canada.

Bryce's American Commonwealth.

Fortnightly essays are required in each class.

For Extra-mural Students.

FIRST YEAR PASS.

Text-book : Hallam's Middle Ages, Chaps. I to VII.

Students are also required to make themselves familiar with the books mentioned below, and in connection with them to write essays, which are to be given in punctually at the times stated.

The Beginning of the Middle Ages, by the Very Rev. R. W. Church.

Essay : The condition of France under Charlemagne, socially, politically, and in regard to learning. Nov. 1st.

Guizot's History of Civilization in France. Hallam's Middle Ages, ch. II, part 2.

Essay : The States-general of France and the Parliament of Paris. Nov. 23th.

Balzoni, The Popes and the Hohenstauffen.
Hallam's Middle Ages, ch. III.

Essay : Italy under the Hohenstauffen. Dec. 18th.

Hallam's Middle Ages, ch. IV.

Essay : The Cortes of Spain.

The Era of the Protestant Reformation, by Seebohn.

Essay : The political state of Europe at the period of the Reformation. Feb. 14th.

The French Revolution and the First Empire, by Wm. O'Connor Morris.

Essay : The state of Europe just before the French Revolution. March 21st.

Second Year Pass.

Text-books: Hallam's Middle Ages, ch. VIII and IX.

Green's Smaller History of the English people.

Hallam's Middle Ages: ch. VIII.

Essay : The English Courts under the Anglo-Saxons. Oct. 26th.

The early Plantagenets, by Rev. W. Stubbs, D.D., Bishop of Chester.

Essay : The Constitutional changes made in the reigns of Henry II and Edward I. Nov. 23rd.

Hallam's Middle Ages, ch. VIII, and Green's Larger History of the English people, vol. 2nd.

Essay: The formation of the House of Commons and the growth of Parliament. Dec. 14th.

The Puritan Revolution, by J. Langton Sanford.

Essay: The state of parties at the time of the Puritan Revolution. Jan. 11th.

The Age of Queen Anne, by Ed. G. Morris, M.A.

Essay: The accession to power of the Whigs. Feb. 13th.

Bryce's American Commonwealth.

Essay: A comparison of the American Congress with the British Parliament. March 16th.

HONOURS.

First Year.

Lectures on the general principles of Government.

Students will also be examined on :

Stubbs' Constitutional History of England, vols. I, II, and III.

Gneist's English Constitution.

Guizot's Representative Government.

Rousseau's Social Contract.

Mill's Representative Government.

Books recommended :

Machiavelli's Prince.

Dicey's The Law and the Constitution.

Hearn's Government of England.

Kemble's Anglo-Saxons in England.

Second Year.

Lectures: (a) A comparison of the British Constitution with other constitutions, especially with that of the United States. (b) On the government of Colonies.

Students will also be examined on :

Hallam's Constitutional History of England.

May's Constitutional History.

Bryce's American Commonwealth.

Bagehot's English Constitution.

Houston's Constitutional Documents of Canada.

Books recommended :

Todd's Parliamentary Government in England.
 Todd's Parliamentary Government in the British Colonies.
 De Tocqueville's Democracy in America.

Fortnightly essays are required.

MENTAL AND MORAL PHILOSOPHY.

Professor of Moral Philosophy : John Watson, M.A., LL.D.

Professor of Mental Philosophy : S. W. Dyde, D.Sc.

JUNIOR CLASS—Professor Dyde.

Lectures on the method and aim of Philosophy. The history of Greek reflection. Study of Plato's *Theætetus* and Aristotle's *Ethics* (Peters' or Weldon's translation). This class meets on Monday, Wednesday, and Friday. Attendance is compulsory.

Question class. Thursday. Attendance voluntary.

Books recommended to be read :

Plato, *Republic*; Wallace, *Epicureanism*; Tolstoi, *War and Peace*; Herbert Spencer, *Justice*.

SENIOR CLASS—Professor Watson.

Critical study of the Philosophy of John Stuart Mill (Watson's *Selections*).

Lectures on the principles of Ethics. Text-book : Watson's *Comte, Mill and Spencer*. Tuesday and Thursday. Attendance is compulsory.

For Extra-mural Students.

JUNIOR CLASS.

Students are expected to show familiarity with the substance of the books mentioned below. They are recommended to take up the work in the following order :

1. Schwegler, *History of Philosophy*, XI–XIV.
 Ferrier, *Lectures on Greek Philosophy*, pp. 210–303.
 Plato, *Theætetus* (Dyde's translation).
 Plato, *Republic*, Bks. I, II.

Essay for 15th Oct. : The relation of Plato to the Sophists.

2. Plato, Republic, Bks. II-VII.
Schwegler, History of Philosophy, XIV.
Ferrier, Lectures on Greek Philosophy, pp. 304-365.
*Essay** for 1st Nov.: Plato's Theory of Education.
3. Aristotle, Nicomachean Ethics (Peters' translation).
Schwegler, History of Philosophy, XVI.
Ferrier, Lectures on Greek Philosophy, pp. 366-419.
Essay for 21st Dec.: The Relation of Aristotle's Ethics to his Psychology.
4. Schwegler, History of Philosophy, XVII-XXI.
Ferrier, Lectures on Greek Philosophy.
Capes, Stoicism (New York: Pott, Young & Co.)
Wallace, Epicureanism.
Essay for 1st Feb.: Stoicism and Epicureanism.
5. Schwegler, History of Philosophy, XXII-XXVI.†
Essay for the 15th Feb.: The Principles of the Cartesian Philosophy.
6. Schwegler, History of Philosophy, XXVII-XXXV.
Fraser, Selections from Berkeley.
Fraser, Berkeley (Blackwood's Philosophical Classics).
Essay for 15th March: The Development of the Philosophy of Berkeley.

These Essays are to be sent to Professor Dyde.

SENIOR CLASS.

Students will be examined upon Watson's "Selections from Mill" and "Comte, Mill and Spencer," and Green's Prolegomena to Ethics.

FIRST HONOUR CLASS—Professor Watson.

(This class may be taken as a Pass class).

Critical study of the Philosophy of Kant.

Text-books: Watson's Selections from Kant, and Caird's Critical Philosophy of Immanuel Kant.

*Nettleship's article on "Plato's Theory of Education" in Hellenica (Rivington's) is very valuable, but a knowledge of it will not be required.

†See also Caird's article, "Cartesianism," in the Encyclopædia Britannica.

HONOURS.

Students desiring to write for Honours in Latin, Greek, Moderns, English, History or Political Science, may complete their Honour course by taking any one of the following departments :

A. FIRST DEPARTMENT.

Critical study of the Philosophy of Kant (See First Honour Class). Professor Watson.

Special classes for Session '95-'96.

Lectures on the development of Modern Philosophy. Professor Watson.

English Philosophy in the 17th and 18th centuries. Professor Dyde.

Essays for the class of English Philosophy:

15th Nov.: Relation of Locke to Hobbes.

20th Dec.: Green's Analysis of Locke. (Green's Introduction to Hume).

7th Feb.: Spencer's Unknowable. (Spencer's First Principles, Caird's Evolution of Religion, Vol. I).

14th March: Bradley's Interpretation of the Absolute.

Bradley's Appearance and Reality; A new Theory of the Absolute. *Cotemp. Rev.* for Nov. and Dec., 1894.

Candidates will be examined on the following works :

Kant, as in First Honour Class.

Bacon, *Novum Organum*.

Hobbes, *Leviathan*.

Locke, *Essay on the Human Understanding*.

Hume, *A Treatise on Human Nature*.

Mill, *Watson's Selections*.

Spencer, *First Principles*, *Data of Ethics*.

Books recommended to be read :

Bacon, *Essays and Advancement of Learning*; Spedding, *The Life and Times of Bacon*; Selections from Milton's prose works; Dryden, *Religio Laici*, *The Hind and the Panther*; Pope, *Essay on Criticism*, *An Essay on Man*; Green, *Introduction to Hume*; Carlyle, *Heroes and Hero-worship*; Darwin, *Origin of Species*; Matthew Arnold, *Literature and Dogma*; Bradley, *Appearance and Reality*.

B. SECOND DEPARTMENT.

Critical study of the Philosophy of Kant (See First Honour Class). Professor Watson.

Special classes for Session '95-'96.

Lectures on Aristotle's Ethics. Professor Watson.

Greek thought with special reference to Plato's Republic and Aristotle's Poetics. Professor Dyde.

Essays for class in Plato:

15th Nov.: Pater's Conception of Plato. (Pater's Plato and Platonism).

20th Dec.: Hegel's Estimate of Greek Individualism. (See Hegel's Philosophy of Right and History of Philosophy).

7th Feb.: Greek Æsthetics.

14th March: Stoicism and Early Christianity.

Candidates will be examined on the following works:

Kant, as in First Honour Class.

Plato, Theætetus, Republic.

Aristotle, De Anima, Ethics and Politics.

Mill, System of Logic, Utilitarianism.

Books recommended to be read:

Campbell, Translation of Æschylus; Whitelaw, Translation of Sophocles; Way, Translation of Euripides; Butcher, Some Aspects of the Greek Genius; J. E. Harrison, Introductory Studies in Greek Art; Bosanquet, History of Æsthetic; Pater, Plato and Platonism; Wallace, Epicureanism.

C. THIRD DEPARTMENT.

Critical study of the Philosophy of Kant. (See First Honour Class). Professor Watson.

Special classes for Session '95-'96.

Lectures on the development of Modern Philosophy. Professor Watson.

Examination of Hegel's *Philosophie des Rechts*. Professor Dyde.

Essays for class in Hegel:

15th Nov.: Morality and Social Ethics. (Wallace's Philosophy of Mind, Essay V and text, pp. 113-166).

20th Dec.: Realization of Idea in History. (Philosophy of History).

7th Feb.: Time and Hegel's Dialectic. (McTaggart's articles in *Mind* for 1894).

14th March: Art, Religion and Philosophy.

Candidates will be examined on the following works :

Kant, as in First Honour Class.

Descartes, Discourse on Methods and Meditations.

Spinoza, Ethica, De Intellectus Emendatione.

Hegel, Philosophy of History, Philosophy of Right.

Books recommended to be read :

Caird, Hegel · Wallace, Hegel's Philosophy of Mind, Prolegomena to the Study of Hegel's Philosophy.

MENTAL AND MORAL PHILOSOPHY.

Students desiring to write for honours in Mental and Moral Philosophy may take A and B, A and C, or B and C.

Students taking the full course in Mental and Moral Philosophy will meet Professor Watson for the independent investigation of philosophical systems and theories.

Books recommended to be read, and essays :

See the several departments.

POLITICAL SCIENCE.

Professor: Adam Shortt, M.A.

Students are recommended to take the class of Junior Philosophy not later than that of Junior Political Science.

JUNIOR CLASS.

The lectures will include a discussion of the general principles of Political Economy.

Text-book for general reference : Walker's Political Economy, or Marshall's Economics of Industry.

SENIOR CLASS.

The lectures will include a critical examination of the leading theories of the State, and a discussion of the nature of Social and Political Relations.

Books to be studied in class :

Plato's Republic.
Hobbe's Leviathan.
Locke's Civil Government.

In both classes essays will be required. Books for reference will be announced along with the subjects of essays.

For Extra-mural Students.

JUNIOR CLASS.

Political Economy.

Candidates will be examined on the following books :

Marshall's Economics of Industry.
Jevon's Money and Mechanism of Exchange.
Toynbee's Industrial Revolution.

Essays during session 1895-6.

Relation of the economic to the social life. Marshall, Bk I: Toynbee.
The growth of free industry. Marshall, Bk. I: Toynbee.
Rent, its nature and the conditions on which it depends. Toynbee, chap. 12; Marshall.
Trade Unions and their influence. Marshall, Bk. VI: Toynbee, chaps. 11 and 14.
Credit documents and their function in modern trade. Jevons.
Nature of modern industrial organization. Marshall, Bk. IV; Toynbee.
The place of capital in production. Marshall, Bk. II, chap. 4; Bk. VI, chaps. 6, 7, 8.

SENIOR CLASS.

Theory of the State.

Candidates will be examined on the following books :

Plato's Republic, Books I-VI.
Locke's Treatise on Civil Government, Book II.
Montague's The Limits of Individual Liberty.

Essays during session 1895-6.

Socrates' argument in support of Justice. Republic, Bk. I.

A comparison of the views of Plato and Locke as to the origin of the State. Plato, Bk. II; Locke, Bk. II, chaps. 2, 7, 8.

The relation of Individuals to Society. Montague, chaps. 3-4.

A comparison of the views of Plato and Locke as to the State. Plato, Bk. IV; Locke, Bk. II, chaps. 7, 8, 9.

A general examination of Locke's view of the State.

A general examination of Plato's view of the State.

The function of the State. Montague, chap. 6.

HONOURS.

First Year.

This class will meet for the discussion of Economic, Social, and Political Principles, and for the critical reading of portions of the works prescribed for Honours.

During this session special attention will be given to the critical reading of Nicholson's Principles of Economics, Vol. I.

A course of lectures will be given on Canadian Economic History.

Candidates will be examined on the following books:

Political Economy.

Smith's Wealth of Nations.

Mill's Principles of Political Economy.

Nicholson's Principles of Economics, Vol. I.

Ingram's History of Political Economy.

Society and the State.

Aristotle's Politics.

Mill's Representative Government.

Maine's Ancient Law.

Carlyle's Sartor Resartus and Past and Present.

Montague's Limits of Individual Liberty.

Second Year.

The class will meet for the more detailed discussion of Economic, Social, and Political Principles.

During the present session special attention will be given to the subject of International Trade.

Candidates must show familiarity with the substance of the following books :

Political Economy.

Cunningham's Growth of English Industry and Commerce.

Wells' Recent Economic Changes.

Jevons' Money and Mechanism of Exchange.

Cossa, Taxation—its Principles and Methods.

Brentano, The Relation of Labour to the Laws of to-day.

Society and the State.

Bluntschli's Theory of the State.

Holland's Elements of Jurisprudence.

Arnold's Culture and Anarchy.

Rae's Contemporary Socialism.

An essay embodying independent work in some section of the honour course will be required from every candidate for honours.

MATHEMATICS.

Professor: Nathan F. Dupuis, M.A., F.B.S., Edin.

Tutor: Anna Etta Reid, M.A.

JUNIOR CLASS.

The theory and practice of Algebra to the Binomial theorem inclusive. Dupuis' Algebra; the first thirteen chapters.

Geometry of the point line, and circle in the plane. Parts I and II of Dupuis' Synthetic Geometry.

SENIOR CLASS.

Algebra—Dupuis' Algebra; from the fourteenth chapter to the end.

Geometry—Part III of Dupuis' Synthetic Geometry; Elementary Synthetic Solid Geometry; Dupuis' Solid Geometry.

Trigonometry—Preceding De Moivre's theorem.

HONOURS.

Candidates who matriculate with Honours in Mathematics, and who intend to pursue the Honour course, are not required to take either the Junior or Senior class, but they should read the Geometry of the Junior Class.

Candidates who do not matriculate with Honours, and who intend to take the Honour course, must take the Junior class, but are not required to take the Senior class.

The classes in the Honour work will meet according to the following scheme :

Group I.

1. Synthetic Modern Geometry. Dupuis' Geometry, parts III, IV, V.
Mondays at 4 P.M.
2. (1st term). Advanced Algebra. Dupuis' Algebra from chap. VI to the end. Hall and Knight's Algebra.
(2nd term). Plane Trigonometry preceding De Moivre's theorem—Problems and applications.
Tuesdays at 4 P.M.
3. (1st term). Synthetic Solid Geometry. (Dupuis).
(2nd term). Spherical Trigonometry and Astronomy.
Thursdays at 3 P.M.

Group II.

4. Elementary Co-ordinate Geometry, and Conics.
Mondays at 11 A.M.
5. (1st term). Higher Algebra, Hall & Knight.
(2nd term). Higher Trigonometry.
Tuesdays at 11 A.M.
6. Elementary Differential and Integral Calculus.
Thursdays at 11 A.M.

Group III.

7. Analytic Solid Geometry.
Wednesdays at 4 P.M.
- A { 8. (1st term). Determinants and Theory of Equations.
(2nd term). Quaternions. Kelland & Tait's Quaternions.
Wednesdays at 10 A.M.
9. Higher Conics and Curves. Salmon.
Fridays at 10 A.M.
- B { 10. (1st term). Higher Differential Calculus.
(2nd term). Higher Integral Calculus.
Wednesdays at 10 A.M.
11. (1st term). Finite Differences. Boole.
(2nd term). Differential Equations.
Fridays at 10 A.M.

Candidates who take group I as a part of their Pass Course, and who make a minimum of 33 per cent upon each subject and 50 per cent upon the whole group, may substitute this group for Senior Mathematics, together with any one of the optional subjects mentioned in courses I and II on page 24.

Candidates for Honours must make a minimum of 40 per cent upon each subject of group I, and 60 per cent upon the whole group, after which no further examination on this group will be required.

Candidates for Honours must make at least 50 per cent upon the subjects numbered 4 and 6, but honour standing will be determined by the examinations on the subjects numbered 5, 7, 8, 9, 10, and 11.

These must be taken in not more than two examinations, and at any examination a candidate may offer any subject upon which he has failed at a previous examination. But 8, 9, 10, and 11 must be taken at the final examination.

A and B of group III will be taken up in alternate years. B in 1895-6.

Candidates are recommended to follow the order of subjects as indicated above, as nearly as may be practicable; but 7 may be taken with group II, or better with A or B.

PHYSICS.

Professor: D. H. Marshall, M.A., F.R.S.E.

Tutor: S. A. Mitchell, M.A.

JUNIOR AND SENIOR CLASSES.

Lectures and Experiments are given in the following subjects :

Properties of Matter.

Extension—Inertia—Mass—Density—Gravitation—Specific weight—Weight of gases—Molecular forces—Energy.

Dynamics.

Kinematics—Statics of solids and fluids—Kinetics of solids and fluids.

Heat.

Thermometry—Calorimetry (Specific and Latent Heats—Hygrometry—Transference of heat (Conduction and Radiation)—Dynamical theory of heat.

Light.

General laws of Radiant Energy—Geometrical Optics—Physical Optics—Construction and use of Optical Instruments—Spectrum analysis.

Acoustics.

Physical Theory of Music—Optical methods of studying vibratory motions.

Magnetism.

With special reference to terrestrial magnetism.

Electricity.

Frictional Electricity—Voltaic Electricity—Thermo-Electricity—Magneto-Electricity—Electro-Magnetism—Diamagnetism—Electro-Dynamics.

Algebra, Geometry, and Trigonometry are applied to the solution of problems, and weekly exercises are given throughout the session.

Text-book: Marshall's *Introduction to the Science of Dynamics*, parts I and II (to be obtained from the Registrar, price \$1.00 for each part).

The following books should be used in connection with the lectures :

Deschanel's *Natural Philosophy* or Ganot's *Physics*.
Chambers' *Mathematical Tables*.

Beginners will find Gage's *Element of Physics* full of suggestive experiments, and more advanced students will consult with advantage Tait's *Recent Advances in Physical Science*, and Clerk Maxwell's *Matter and Motion*.

Students are recommended to take the class of Junior Mathematics before entering the class of Junior Physics, and the class of Senior Mathematics before entering the class of Senior Physics.

In the Junior Class the rudiments of all the above principal divisions will be taken up in the lectures. Students who have not studied the Ontario High School Physics are recommended to do so, as questions from this work will be given at the monthly examinations.

Students in the Junior and Senior Classes are offered the privilege of experimenting in the Physical Laboratory under regulations to be explained at the beginning of each session.

FIRST HONOUR CLASS.

Students should take the subjects 1, 2, 3, 4, 6 of the Honour Mathematics before entering this class.

The work will be a continuation of that done in the Junior and Senior, with applications of higher mathematics. Marshall's Dynamics, Part III, will be used as a text-book (to be obtained from the Registrar, price 50c.) Also one or more of the following :

Thompson and Tait's Natural Philosophy.
 Besant's Hydrostatics.
 Frost's Newton's Principia.
 Tait's Properties of Matter.
 Balfour Stewart's Heat.
 Clerk Maxwell's Theory of Heat.
 Tait's Thermodynamics.
 Aldis' Geometrical Optics.
 Dupuis' Geometrical Optics.
 Lloyd's Wave Theory of Light.
 Taylor's Sound and Music.
 Silvanus Thompson's Electricity and Magnetism.
 Cumming's Theory of Electricity.

Students are required to attend the class in Astronomy at the Observatory. This includes :

Examinations, written and oral, on descriptive and theoretical Astronomy, with the use of instruments.

Students who may desire more extended practice in observations with the theodolite, sextant, transit, and equatorial, with their reductions, will have an opportunity of attending, for this purpose, a class during the summer from 15th May to 12th July.

Text-books : Lockyer's Astronomy, Loomis' Practical Astronomy.

 HIGHER HONOURS.

Students studying for Higher Honours will be directed by the Professor in reading the applications of the higher mathematics to physical science. A knowledge of Differential and Integral Calculus, and of Analytical Geometry of three dimensions is necessary.

The subjects first taken up should be Dynamics of a particle and of a rigid body, for which the student may read the following works :

Tait and Steele's Dynamics of a Particle.
 Todhunter's or Minchin's Analytical Statics.
 Pirie's Lessons on Rigid Dynamics.

PHYSICAL LABORATORY.

The Physical Laboratory is open daily during the session from 10 to 4 o'clock.

Instruction is given in experimentation ; and facilities are offered for studying the construction and use of physical apparatus, and for doing independent or original work.

BOTANY.

Professor: Rev. James Fowler, M.A.

Pass Class.

This class will commence about the end of January after the Pass class in Animal Biology has been discontinued: 10 A.M. daily.

Lectures on :

- Morphology of the cell, the tissues, and the various organs of plants.
- Arrangements for cross-fertilization.
- Elements of plant-food.
- Assimilation, metastasis, movements of water and gases in the plant.
- Effects of temperature.
- Principles of classification.
- Characters of a number of typical orders, illustrated by the examination of specimens and botanical charts.

HONOURS.

First Year.

- An extended examination of the structure of flowering plants, with microscopical analysis of tissues.
- Systems and Classifications.
- Careful study of the Phænogamous plants of Canada.
- Vegetable Histology and Physiology.
- Daily laboratory work.
- Essays are required on prescribed subjects.

Books for study and laboratory work :

- Spotton's Canadian Flora.
- Gray's Manual.
- Gray's Structural Botany.

Bessey's Botany.
 Prantl and Vines' Text-book of Botany.
 Spalding's Introduction to Botany.
 Clark's Practical Methods in Microscopy.

Students are required to bring at least two hundred specimens of plants for their own use.

Second Year.

Structure and Classification of Cyperaceæ, Gramineæ and Cryptogamic Plants of Ontario, with practical knowledge of typical forms of the various orders.
 A more extended study of Vegetable Histology, and Physiology.
 Economic Botany, Geographical distribution of plants.
 Microscopic dissection and mounting of specimens.
 Essays required on prescribed subjects.

Books for laboratory work and reference :

Vines' Students' Text-book of Botany.
 Sachs' Text-book of Botany.
 Sachs' Physiology of Plants.
 Gray's Manual.
 Lesquereux and James' Mosses of N. America.
 Tuckerman's Lichens.
 Bessey's Botany.
 Gray's Botanical Text-book, vol. II.
 Strasburger & Hillhouse's Practical Botany.
 Arthur, Barnes & Coulter's Plant Dissection.

The Honour examinations are held at the University only.

ANIMAL BIOLOGY.

Professor: A. P. Knight, M.A., M.D.
Tutor: D. Cunningham, B.A., M.D.

Students in medicine are required to take the Pass Class.

Students in arts who intend subsequently to study medicine are advised to take the pass and honour

classes, and thus complete their physiology and histology during their undergraduate course.

PASS CLASS.

The course in this subject begins on the 2nd of October and lasts until the end of January. Lectures will be given daily, 10 to 11 A.M. For laboratory work, the class will be divided into two sections, one of which will be taken on Thursdays, 11 to 12 M., and the other, on Fridays, 11 to 12 M.

The lectures treat of protoplasm, cells, cell division, reproduction, early stages of development, tissues, organs, differences between animals and plants, general view of invertebrata and of vertebrata.

The laboratory work consists of such dissections and demonstrations as will elucidate the subject of the lectures. The lectures are illustrated by diagrams, charts, and lantern transparencies.

Text-books: Campbell's Introduction to the Study of Elementary Biology (Macmillan & Co).

Foster & Shore's Elementary Physiology (Macmillan & Co).

HONOURS.

Candidates who have not matriculated with honours in Biology, and who intend to take an honour course in the subject, must first take the pass class.

The course extends over two years and the work of each year is read in class every alternate session.

Students are required to bring in dried or alcoholic specimens for use in the laboratory.

The classes of physiology and histology must be taken with students in medicine.

SESSION 1896-97—12 M. TO 1 P.M. DAILY.

Biology of Invertebrata.

Examination of typical specimens of the different classes.

Histology and Embryology.

Physiology, 10 A.M. to 11 A.M. daily.

Daily laboratory work.

Dissection of all the forms in Huxley & Martin's text book (last edition), and in addition, a grasshopper, star fish, sea-urchin, sponge and hydroid.

Books for study and laboratory work :

Foster's text-book of Physiology, one vol. edition.

Claus & Sedgwick's or J. Arthur Thompson's Zoology.

Huxley & Martin's Practical Biology.

Brook's Handbook of Invertebrate Zoology.

Balfour & Foster's Elements of Embryology.

Darwin's Origin of Species.

Weismann's Germ Plasm, a Theory of Heredity.

Foster & Langley's Histology.

SESSION 1895-96—12 M. TO 1 P.M. DAILY.

Biology of Vertebrata.

Study of types of the different divisions of Vertebrata.

Histology.

Physiology, 10 A.M. to 11 A.M. daily.

Distribution of Animals.

Daily laboratory work.

Dissection of a fish, frog, bird and mammal.

Books for study and laboratory work :

Foster's text-book of Physiology, one vol. edition.

Claus & Sedgwick's or J. Arthur Thompson's Zoology.

Huxley & Martin's Practical Biology.

Parker's Zootomy.

Weidersheim's Elements of Comparative Anatomy.

Eimer's Organic Evolution.

Heilprin's Distribution of Animals.

The honour examinations in this department are held at the University only.

CHEMISTRY.

Professor: Wm. L. Goodwin, D.Sc., Edin.

Demonstrators: T. L. Walker, M.A.; Isaac Wood, M.A., M.D.

JUNIOR CLASS.

Monday, Tuesday and Wednesday, at 11 A.M.

Chemical Species—Crystals and Crystallisation—Chemical Change—Laws of Combination—Relations of Heat to Chemical Changes—Notation—Equations—Nomenclature—Volume relations of gases in Chemical Change—Volume Formulas—The Atomic Theory—Descriptive Chemistry of the non-metallic elements and their compounds—Electrolysis—Spectrum Analysis—Laboratory Practice on Wednesdays at 11 A.M.

Books: Goodwin's Chemistry (Henderson & Co., Kingston).
Mixer's Elementary Chemistry (Wiley & Sons).
Remsen's Inorganic Chemistry (Advanced Course).

SENIOR CLASS.

Thursday and Friday at 11 A.M.

1. Special Chemistry of the Metals, their occurrence in nature, reduction and uses.
2. Chemical Laws and Theories.
3. Crystallography.
4. Qualitative Analysis (Practical).

Pass Candidates may omit subject (4), but it is compulsory for Science Specialists, who may, however, take instead subjects (4) and (5) of the Honour course.

Books: Dobbin & Walker's Chemical Theory (Macmillan & Co).
Goodwin's Chemistry, Sections 238-437 and Supplement (Henderson & Co).
Richter's Inorganic Chemistry (P. Blakiston, Son & Co).
Ramsay's Systematic Chemistry.
Williams' Crystallography (Henry Holt & Co).
Thorpe & Muir's Qualitative Analysis (Longmans, Green & Co).

HONOURS.**I.**

(May be taken as a Pass Class).

1. Organic Chemistry.

Wednesday at 3 P.M. (First Term).

2. Chemistry of Fuel, Ores, Fluxes, &c., *or* *Physiological and Pathological Chemistry.
Monday at 3 P.M. (Second Term).
3. Crystallography.
Monday, Tuesday and Thursday at 3 P.M. (First Term).
4. Qualitative Analysis and Blowpiping.
Wednesday, 2-4 P.M.
Tuesday at 3 P.M.
Friday at 2 P.M.
5. Qualitative Analysis of Minerals, &c. (See p. 73), *or* *Urinalysis, &c. (See p. 71).

Subjects (1), (2) and (3) must be taken at one examination.
Subjects (6) and (7) must be taken at one examination.
Science Specialists who wish to complete the course in Chemistry are allowed to take subjects (1), (2), (3), (6), and (7) at one examination.

Books :

Remsen's Organic Chemistry (D. C. Heath & Co).
Turpin's Lessons in Organic Chemistry (Macmillan & Co).
Bernthsen's Organic Chemistry (Blackie & Sons).
Bunge's Physiological and Pathological Chemistry.
Charles' Physiological and Pathological Chemistry.
Williams' Crystallography (Henry Holt & Co).
Roberts-Austen's Metallurgy (Griffin & Co).

II.

6. General Chemistry: Kinetic Theory of Gases; Properties of Solutions; The Periodic Law; Thermochemistry; Electrochemistry; Photochemistry.
Wednesday at 3 P.M. (Second Term).
7. History of Chemistry.
Tuesday at 3 P.M. (Second Term).
8. Quantitative Analysis.
Monday and Tuesday at 2 P.M.
Wednesday, 2-4 P.M.
9. Assaying (See p. 73).

Books :

Ostwald's General Chemistry (Macmillan & Co).
Silvanus Thompson's Elementary Electricity and Magnetism, Lessons XIII, XIV, XV, XVIII, and XXXVIII.

*These options are for students who intend to take a course in Medicine.

Meyer's Modern Theories of Chemistry.
 Von Meyer's History of Chemistry (Macmillan & Co).
 Rodwell's Birth of Chemistry (Macmillan & Co).
 Hartley's Quantitative Analysis (Macmillan & Co).
 Leffman & Beam's Water Analysis.

For Extra-mural Students.

JUNIOR

Books to be read :

Remsen's Inorganic Chemistry (Advanced).
 Goodwin's Chemistry (with Supplement to Section 5) omitting Sections 238-437.

SENIOR.

Books to be read :

Dobbin & Walker's Chemical Theory (Macmillan & Co).
 Goodwin's Chemistry, sections 238-437 and Supplement.
 Williams' Crystallography (Henry Holt & Co.), pp. 1-61 ;
 81-95; 104-114; 142-150; 158-164; 170-175.

A small set of models will be necessary for the study of crystallography.

For Students of Medicine.

First Year.

Monday, Tuesday, and Wednesday at 11 A.M.

The Lectures and Laboratory Practice of the Junior Arts Class.

Second Year.

Thursday and Friday at 11 A.M.

1. Special chemistry of the metals (Senior Arts Class).
2. Organic Chemistry (Dr. Wood).

Analytical Chemistry.

This class is held during the Summer session.

Before taking this class Students must pass the class in Junior Chemistry.

Systematic Testing of Chemical Substances.
 Use of the Blowpipe and Spectroscope.
 Urinalysis.
 Chemical Toxicology.
 Water Analysis.
 Milk Analysis.

Books for Consultation:

Goodwin's Chemistry (with Supplement).

Crum Brown's Chemistry.

Attfield's Chemistry.

Bernthsen's Organic Chemistry, translated by George McGowan, Ph.D.

Charles' Physiological and Pathological Chemistry.

The Urine, the Common Poisons, and the Milk, by Prof. J. W. Holland.

Leffman & Beam's Water Analysis.

Junior, Senior and Honours I of the Arts course cover all the Chemistry required of students of Medicine.

MINERALOGY.

Professor : William Nicol, M.A.

Section I is intended for students qualifying for Departmental Science Specialists.

Sections I and II may be taken in one year by students in Honours.

I.

1. Elementary Mineralogy.

2. Description and determination of the following minerals:—
 Graphite, native silver, native gold, native copper, molybdenite, stibnite, chalcocite, chalcopyrite, bornite, galenite, sphalerite, niccolite, pyrite, arsenopyrite, pyrrhotite, haematite, magnetite, chromite, limonite, siderite, pyrolusite, fluorite, gypsum, apatite, calcite, dolomite, barite, celestite, halite, quartz and prin. vars, pyroxene and vars, amphibol and vars, garnet, muscovite, biotite, orthoclase, tourmaline, sphene, stilbite, talc, serpentine, coal and vars.

Text-books : Dana's Manual of Mineralogy and Petrography (Wiley & Sons).

Frazer's Tables for the determination of Minerals, 3rd Ed (J. B. Lippincott Co., Phila).

3. Blowpipe Analysis—(a) A course of practical demonstrations to illustrate and explain reactions in studying the chemical properties of minerals (one hour per week). (b) A practical class in which the experiments seen in the lectures are performed by the students (one hour per week).

Text-book: Chapman's Blowpipe Practice, 2nd Ed. (Copp, Clark Co., 1893).

Books for reference :

Cornwall's Translation of Plattner's Manual of Qualitative and Quantitative Analysis with the Blowpipe, 7th Ed. (Van Nostrand Co).

Brush's Manual of Determinative Mineralogy and Blowpipe Analysis, 13th Ed. (Wiley & Sons).

Cornwall's Manual of Blowpipe Analysis (Van Nostrand Co).

Landauer's Blowpipe Analysis.

Endlich's Manual of Qualitative Blowpipe Analysis.

Students must supply their own Blowpipe apparatus.

II.

(May be taken as a Pass Class.)

1. Systematic Mineralogy.

Text-book: Bauerman's Systematic Mineralogy (Longmans, Green & Co).

Books for reference :

Naumann-Zirkel's *Mineralogie*.

Tschermak's *Mineralogie*.

Dana's Text-book of Mineralogy, 15th Ed. (Wiley & Sons).

2. Practical Crystallography.

Practical study of crystal forms by means of crystals, and wire and wooden models.

Text-book: Williams' Crystallography (Henry Holt & Co).

3. Qualitative Analysis of Minerals by blowpipe and wet reagents.

Lectures on Qualitative Analysis.

Text-book: Fresenius' Qualitative Analysis.

4. Essays on prescribed subjects.

III.

1. Descriptive Mineralogy.

Description and classification of the commonly occurring minerals, special attention being given to Canadian ores.

Text-book: Dana's System of Mineralogy, 6th Ed. (Wiley & Sons).

Books for reference :

Chapman's Minerals and Geology of Ontario and Quebec, 3rd Ed. (Copp, Clark Co).

Commissioners' Report on Mineral Resources of Ontario,
1890.

Report of Bureau of Mines, 1891-94.

Chester's Catalogue of Minerals.

2. Determinative Mineralogy.

Practical instruction in the determination of minerals by
means of the blowpipe and by field tests.

Examination of specimens from cabinets.

Text-books: Frazer's Tables for the determination of Minerals,
3rd Ed., 1891 (J. B. Lippincott Co., Phila).

Brush's Manual of Determinative Mineralogy and
Blowpipe Analysis, 13th Ed. (Wiley & Sons).

3. Quantitative Analysis of Minerals (selected samples).

Text-book: Fresenius' Quantitative Analysis.

4. Ore Deposits.

(See under *Geology*).

5. Petrography.

(See under *Geology*).

6. Assaying.

The assaying of gold, silver, iron, copper, lead, zinc, and
nickel ores, by furnace, wet, and electrolytic methods.

Text-books: Chapman's Assay Notes, 2nd Ed. (Copp, Clark Co).

Brown's Manual of Assaying 5th Ed. (Sargent & Co).

Blair's Chemical Analysis of Iron, 2nd Ed. (J. B. Lippincott Co).

Books for reference:

Beringer's Text-book of Assaying (C. Griffin & Co).

Bodemann & Kerl's Assaying.

7. Essays on prescribed subjects.

GEOLOGY.

Lecturer: Willett G. Miller, B.A.

Pass.

(Students taking Geology are required to take Mineralogy I.)

Lectures on :

Lithological Geology, Classification of Rocks.

Dynamical Geology.

Outline of the Geological History of the globe, with special
reference to the formations found in Canada.

Work in the laboratory and museum.

During the fall term excursions will be made to places of geological interest in the vicinity of Kingston.

Essays are required on prescribed subjects.

Students are expected to provide themselves with some elementary book on the subject. Le Conte's *Compend. of Geology* is recommended.

Books for reference :

Dana's *Manual of Geology*.

Le Conte's *Elements of Geology*.

Chapman's *Minerals and Geology of Central Canada*.

The lectures are illustrated by means of maps, diagrams and lantern views.

FIRST HONOURS.

(May be taken as a Pass class.)

(Students taking First Honour Geology are required to take, or to have taken Crystallography in Honour Chemistry).

Lectures on :

Physical Geography, Petrography, and Palæontology.

The laboratory work will consist of the preparation of sections of minerals and rocks and their microscopic determination.

The museum work will consist of the megascopic determination of rocks and the naming and classification of Canadian fossils.

Field work. Essays are required on prescribed subjects. Candidates will also be examined on the following :

Page's or Geikie's *Physical Geography*.

Chapman's *Minerals and Geology of Central Canada*.
Part IV.

Dana's *Manual of Geology*.

Books for reference :

Elisée Reclus, *The Earth, The Ocean*.

Johnstone's *Physical Atlas*.

Hatch's *Petrology*.

Dana's *Manual of Mineralogy and Petrography*.

SECOND HONOURS

Lectures on :

Petrography.
Palæontology.
Geology of Canada.
Geology in its relations to Mining and Agriculture.

Construction of geological maps and sections.
Laboratory, Museum, and Field work.

Candidates will also be examined on the following :

Geikie's Text-book of Geology.
Geikie's Field Geology.
Chapman's Mineralogy and Geology of Canada, Parts IV
and V.
Dawson's Handbook of Canadian Geology.
Chapman's Outline of the Geology of Canada.

Books for reference :

Rosenbusch's Microscopical Physiography of Rock Form-
ing Minerals.
Zirkel's *Petrographie*.
Hatch's Petrology.
Nicholson's Palæontology.
Dawson's Ice Age in Canada.
Wright's Ice Age in North America.
Phillips' Ore Deposits.
Kemp's Ore Deposits of the United States.
Tarr's Ore Deposits.

FACULTY OF THEOLOGY.

Matriculation.

Matriculation Examinations begin on Monday, Oct. 28th. Candidates must give notice to the Secretary of the Faculty before Oct. 21st.

Subjects of Examination.

Westminster Confession.
Hill's Lectures, Book I.
Acts 1-12 in Greek.
Dods' Introduction to the New Testament, pp. 1-75.
Examination in Hebrew on regular verb and pronouns, and on the translation and analysis of Gen. I and XXXV.

Subjects of Study.

I.—DIVINITY.

Lectures will be given on :

Comparative Religion.
Revelation.
The Canonicity, Authenticity, Genuineness and Credibility of the Biblical Records.
The Inspiration and Authority of the Scriptures.
Systematic Theology.
The Pastoral Office and Homiletics.
Text-book, Hill's Lectures in Divinity.

II.—HEBREW AND CHALDEE.

First Year.

Wolfe's Hebrew Grammar.
Gen. I, XLIV-XLVI.
Jonah I-IV.
1 Sam. XVI-XVIII.
Ps. XXXVIII-L.

Second Year.

Gesenius' Hebrew Grammar.
Deut. XVII-XIX.
Prov. XXVI-XXXI.
Jerem. XXXIX-XLV.
Amos I-III.
Ps. CXX-CL.

*Third Year.**Hebrew.**Chaldee.*

Gesenius' Grammar.
Isa. XL-LXVI.
Ps. LI-C.

Winer's Grammar, or
Riggs' Manual.
Dan. II-VII.
Ezra IV-V.

III.—APOLOGETICS.

1. Lectures on the history of Apologetics from the beginning of the 16th century.
2. Lectures on Historical Apologetics.
3. Prelections on Butler's Analogy, Part I.

IV.—BIBLICAL CRITICISM.

1. Old Testament Exegesis. Septuagint.
Num. VIII, IX, XI. 1 Kings I-III. Isa. XLV-LV.
2. New Testament Exegesis :—
The Four Gospels and the Epistle to the Hebrews.
Lectures on Introduction and Criticism.

V.—CHURCH HISTORY.

Lectures on the second and third centuries.

The Church requires the following discourses to be delivered during the course :—Homily, Lecture and Greek Critical Exercise ; Sermon and Hebrew Critical Exercise.

Pass Examination.

On the work of the Session.

*Degree of Bachelor of Divinity.***REGULATIONS.**

1. Candidates for the degree of Bachelor of Divinity (B.D.) must be Graduates in Arts of this University, or of a University whose degrees are recognized by the Senate, and must follow the prescribed order of classes in Theology.

2. The degree shall not be conferred until the candidate has completed the theological curriculum, with a view to the ministry in the church to which he belongs, and has passed a satisfactory examination in the branches of Theology taught in the University.

3. The subjects of examination shall be in two departments : the first embracing (1) Hebrew and Chaldee, (2) the Evidences of Religion, Biblical Introduction and the Inspiration of Scripture ; the second embracing : (1) Church History, (2) Biblical Criticism, (3) Systematic Theology.

4. Candidates who have completed the theological course may be examined in either of these departments, and may defer their examination in the other department, provided there be not a greater interval than two years between their two examinations.

5. Students may be admitted to examination in the first department at the end of the second session of their theological course.

6. A candidate may, subject to the preceding regulations, appear at any University examination in Theology, provided he gives two weeks notice of his intention to the Registrar.

Autumn examinations begin on Monday, Oct. 29th. Candidates must give notice to the Secretary of the Faculty before Oct. 22nd.

Subjects of Examination :

DEPARTMENT I.

1. Comparative Religion, Evidences, Biblical Introduction, Inspiration of Scripture.

2. Hebrew, Isaiah XL-LXVI. Chaldee, Dan. II, III, IV, VII.

DEPARTMENT II.

1. *Church History*—Centuries I-III; the Reformation; the Church in Scotland.

2. *Biblical Criticism*—Epistle to Romans in Greek; Biblical Hermeneutics; Hammond's Textual Criticism of New Testament; Introduction to Pentateuch and Gospel of John; the Latter Prophets in LXX.

3. *Systematic Theology*—Person of Christ, Doctrine of Sin, Doctrine of the Atonement, Justification, Work of the Holy Spirit.

The following books may be consulted :

Paley's Evidences.

Butler's Analogy.

Flint's Theism and Anti-Theistic Theories.

Mozley's Bampton Lectures on Miracles.

Sanday's Bampton Lectures on Inspiration.

Bruce's Apologetics.

Westcott on the Canon of the New Testament.

Briggs' Messianic Prophecy.

Stevens' Pauline Theology.

Liddon's Bampton Lectures on our Lord's Divinity.

Tulloch on the Christian Doctrine of Sin.

Crawford on the Atonement.

Anselm's Cur Deus Homo.

Christian Dogmatics (Van Oosterzee's and Martensen's).

Driver's Old Testament Introduction.

Salmond's New Testament Introduction.

Robertson's Early Religion of Israel.

Killen's Old Catholic Church.

Fisher's History of the Reformation.

Biblical Hermeneutics (Elliott & Harsha).

FACULTY OF MEDICINE.

The degree of Doctor of Medicine (M.D.) is conferred upon candidates who comply with the following regulations :—

1. Except as provided in the next regulation, every candidate must pass a matriculation examination upon the following subjects :—

English Language, Grammar and Composition.

Arithmetic.

Algebra, to the end of Simple Equations.

Geometry, first two books of Euclid.

Latin, as in Arts, or a full equivalent.

Options, one of which must be taken : Stewart's Physics,
or one book in Greek, French or German.

2. Matriculants in Arts, graduates from a recognized University, and students who have passed the examination of the College of Physicians and Surgeons of Ontario, or of Quebec, are not required to pass the above examination.

NOTE.—As the Royal College of Physicians and Surgeons (England) requires Physics in matriculation, those intending to take its degree should pass in Stewart's Physics.

3. Candidates who are not graduates in Arts must furnish evidence of having attended some recognized Medical School for not less than four full sessions, and must pass all the required examinations.

Candidates who are graduates in Arts will be required to attend only three sessions.

4. All candidates must furnish evidence of having had six months' experience in dispensing medicines in a physician's office.

Students in Arts who intend subsequently to study medicine are advised to take the honour classes in Chemistry and Animal Biology, and thus complete their Chemistry, Physiology and Histology during the undergraduate course in Arts.

Examinations are required at the end of every session, as follows :—

At the end of the first session :—

Botany, if not taken at matriculation, Anatomy—Bones, Muscles and Ligaments, Animal Biology and Physiology, Theoretical Chemistry.

At the end of the second session :—

Anatomy, Physiology, Histology, Materia Medica, Chemistry—Theoretical and Analytical.

At the end of the third session :—

Practice of Medicine, Therapeutics, Surgery, Obstetrics and Gynæcology, Pathology, Jurisprudence.

At the end of the fourth session :—

Practice of Medicine, Surgery, Obstetrics and Gynæcology, Medical and Surgical Anatomy, Sanitary Science.

On each paper the examiner will put pass and honour questions. Students desiring rank must answer both.

A candidate cannot obtain University rank for any of the foregoing examinations until he has matriculated.

EQUIVALENT EXAMINATIONS.

The following courses and examinations in Arts will be accepted in Medicine :—

Faculty of Arts.

1. Course and examination in Botany (Pass).
2. Honour course and examination in 1st year Animal Biology.

Faculty of Medicine.

1. Course and examination in Botany.
2. Course and examination in 1st year Physiology.

3. Honour course and examination in 2nd year Animal Biology, including Histology.

4. Course and examination in Junior Chemistry.

5. Course and examination in Senior Chemistry.

6. Course and examination in 1st year Honours.

3. Course and examination in 2nd year Physiology and Histology.

4. Course of 1st year Chemistry. (See Calendar).

5. Course and examination in 2nd year Chemistry.

6. Course and examination in Analytical Chemistry.

PRIZES.

Besides University prizes, scholarships, and honours, open to medical students, the following are offered every year :—

1. At the end of the second session :

Two demonstrators and four prosectors in Anatomy will be chosen by the professor of Anatomy and the lecturer on Practical Anatomy.

2. At the end of the third session :—

Three House Surgeoncies at the Kingston General Hospital of six months each, one during the Summer and two during the Winter, to be awarded to the three students making the highest percentages on the pass and honour examinations of the year.

3. At the end of the fourth session :—

Two University medals to be awarded to the two students making the highest percentages on the pass and honour examinations of the year.

NOTICES.

1. The examinations of the Medical Council are held in the City of Kingston.

2. The Calendar of the Medical Faculty, with full information respecting the curriculum in Medicine, fees, etc., can be had by applying to the Dean of the Faculty.

The class fees average \$75.00 per session.

FACULTY OF PRACTICAL SCIENCE.

The object of the Faculty is to give a theoretical, and, as far as possible, a practical education in the various branches of applied science.

The complete course extends over four years, but a diploma will be awarded to those who complete three years of the course and pass the necessary examinations. The four years' course leads to the degree of B.Sc.

Admission.

A candidate may enter upon the course with a view to obtaining a diploma or the degree of B.Sc. upon any one of the following conditions :—

1. Having matriculated in any university in the British Dominions or in the United States.
2. Having passed the Junior Leaving Examination of the Educational Department of Ontario.
3. Having been engaged for one year in engineering or surveying or a manufacturing establishment, and having passed an examination in (a) arithmetic, (b) algebra to quadratic equations inclusive, and (c) the first three books of Euclid, or their equivalent in any other work on geometry.

Special students may be admitted to such courses of instruction as the Faculty may think proper.

The work will be carried on partly in the University buildings, partly in the Mining School, and partly in the Agricultural School.

Courses.

The courses are as follows :

- A. Chemistry and Mineralogy.
- B. Mechanical Engineering.
- C. Civil Engineering.
- D. Electrical Engineering.
- E. Mining Engineering.
- F. Biology, leading to Medicine.

In addition to the above there will be short courses in Architecture and Navigation. The School of Mining and Agriculture also provides short courses in Mining, Agriculture and Veterinary. Certificates will be awarded in all those departments by the respective Faculties.

The following scheme gives the subjects taught as arranged under the different courses :

FIRST YEAR.

The work of this year, except as to the options, is common to all the courses.

First Term.

Algebra and Geometry,
Junior English,
Junior Physics,
Junior Chemistry,
Drawing,

Second Term.

Algebra and Geometry,
Junior English,
Descriptive Astronomy,
Junior Physics,
Junior Chemistry,
Drawing,

and one of the following options :—1. Blowpiping. 2. Elementary Surveying. 3. Botany (Structural).

*Course A.**Chemistry and Mineralogy.*

SECOND YEAR.

First Term.

Chemistry of Metals,
Solid Geometry,
Qualitative Analysis,
Adv. Algebra and Pl. Trig.,
Systematic Mineralogy.

Second Term.

Elementary Crystallography,
Chemical Physics,
Qualitative Analysis,
Adv. Algebra and Pl. Trig.,
Systematic Mineralogy.

THIRD YEAR.

Quantitative Analysis,
 Descrip. and Det. Mineralogy,
 Assaying,
 Organic Chemistry,
 Geology and Petrography,
 Crystallography,

Quantitative Analysis,
 Descrip. and Det. Mineralogy,
 Assaying,
 Technical Chemistry,
 Geology and Petrography,
 General Chemistry.

FOURTH YEAR.

Special work along lines to be chosen by the candidate; an original research in Chemistry or Mineralogy.

*Course B.**Mechanical Engineering.*

SECOND YEAR.

First Term.

Adv. Algebra and Pl. Trig.,
 Solid Geometry,
 Elementary Conics,
 Senior Physics,
 Drawing,
 Chemistry of Metals.

Second Term.

Adv. Algebra and Pl. Trig.,
 Spherical Trigonometry,
 Elementary Conics,
 Senior Physics,
 Mathematical Instruments.

THIRD YEAR.

Differential and Integ. Calc.,
 Principles of Mechanism,
 Analytic Solid Geometry,
 Heat and Thermodynamics,
 Experimental Physics.

Differential and Integ. Calc.,
 Descriptive Geometry,
 Analytic Solid Geometry,
 Machine Drawing,
 Strength of materials.

FOURTH YEAR.

Machine Drawing,
 The Steam Engine.
 Heating and Ventilation,
 Machinery and Mill Work.

Machine Drawing.
 The lathe and various machines.
 Metallurgy of Iron.
 Dynamo Machinery.

*Course C.**Civil Engineering.*

SECOND YEAR.

First Term.

Adv. Algebra and Pl. Trig.,
 Solid Geometry,
 Elementary Conics,
 Senior Physics,
 Drawing,
 Practical Surveying.

Second Term.

Adv. Algebra and Pl. Trig.,
 Spherical Trigonometry,
 Elementary Conics,
 Senior Physics,
 Descriptive Geometry,
 Practical Surveying.

THIRD YEAR.

Differential and Integ. Calc.,
 Principles of Mechanism,
 Experimental Physics,
 Heat and Thermodynamics,
 Machine Drawing,
 Principles of Engineering.

Differential and Integ. Calc.,
 Strength of materials,
 Structural Geology,
 Spherical Astronomy,
 Theory of Surveying,
 Principles of Engineering.

FOURTH YEAR.

Analytic Solid Geometry,

Analytic Solid Geometry.

Principles of Engineering as applied to roads, bridges, sewers,
 waterways, &c.

*Course D.**Electrical Engineering.*

SECOND YEAR.

First Term.

Adv. Algebra and Pl. Trig.,
 Solid Geometry,
 Elementary Conics,
 Senior Physics,
 Drawing,
 Chemistry of Metals.

Second Term.

Adv. Algebra and Pl. Trig.,
 Spherical Trigonometry,
 Elementary Conics,
 Senior Physics,
 Electricity and Magnetism.

THIRD YEAR.

Differential and Integ. Calc.,
 Principles of Mechanism,
 Heat and Thermodynamics,
 Theory of Electricity,
 The Steam Engine,
 Machine Drawing.

Differential and Integ. Calc.,
 Optics,
 Spherical Astronomy,
 Electrical appliances,
 Strength of materials,
 Surveying.

FOURTH YEAR.

Analytic Solid Geometry,

Analytic Solid Geometry.

Electrical Engineering as applied to electric light plants,
 electric railways, electro-chemistry, electro-decompositions, elec-
 trotyping, &c.

*Course E.**Mining Engineering.*

See Calendar of School of Mining.

*Course F.**Biology.*

SECOND YEAR.

First Term.

Jr. Animal Biology,
Physiology,
Physiological Botany,
Invertebrate Anatomy,
Chemistry of Metals,
Analytic Chemistry,
Freehand Drawing.

Second Term.

Jr. Animal Biology,
Histology.
Distrib. of Animals,
Practical Anatomy,
Organic Chemistry,
Analysis of Urine, Milk, &c.
Freehand Drawing.

THIRD YEAR.

Vertebrate Anatomy,
Senior Physiology,
Senior Physics,
San. Science and Bacteriology,
Physiological Chemistry.

Practical Anatomy,
Histology and Embryology,
Biological Problems,
Senior Physics.

Students, after receiving a diploma in this course, may complete the course for the Degree of M.D. in three years; but no student will be allowed to enter upon the course in Medicine until he has taken the Arts or Medical Matriculation.

Course in Architecture.

FIRST YEAR.

Same as in courses A to F.

SECOND YEAR.

First Term.

Adv. Algebra and Pl. Trig.,
Drawing,
Statics,
Principles of Architecture,
Lighting, Heating and Drainage.

Second Term.

Adv. Algebra and Pl. Trig.,
Mathematical Instruments,
Strength of Materials,
Principles of Architecture,
Sanitary Plumbing and conditions of healthy buildings.

Course in Navigation.

FIRST YEAR.

The Mathematics, the Physics, the Astronomy, and the Drawing of the first year in courses A to F. Practice of Navigation.

SECOND YEAR.

First Term.

Adv. Algebra and Pl. Trig.,
Special study of Logarithms and
Tables,
Drawing,
Meteorology,
Experimental Physics,
The Steam Engine,
Practice of Navigation.

Second Term.

Adv. Algebra and Pl. Trig.,
Spherical Trigonometry,
Mathematical Instruments,
Theory of Navigation,
Spherical Astronomy,
Descriptive Geometry,
Practice of Navigation.

Besides these regular courses there will be short winter courses of three months, in Architecture, Navigation and Mining.

For Mining Courses see Calendar of School of Mining.

Regulations affecting Students in the Faculty of Practical Science.

1. No person will be considered to be a student in Practical Science until after he has registered as such in the Faculty.

2. No person who is not registered in the Faculty of Practical Science will be allowed to attend any of the special classes of that Faculty.

3. Students who take course A or E must take Blow-piping in the first year.

Students who take course B, C, or D, must take Surveying in the first year.

And students who take course F must take Botany.

4. A student may pay a fee of \$40.00 per session, which includes his registration fee and his class fees for the session.

Or he may pay a registration fee of \$10.00 in the Faculty of Practical Science, and pay separately for the classes of the year, according to the accompanying schedule.

(a) For these classes, which belong to a regular Arts course, \$8.00 per class (for which nominations are accepted), except in the cases of Laboratories and Laboratory work, where special fees are required, and in the classes of Junior and Senior Chemistry, for which the fee is \$12.00 for each class.

(b) The following, being special classes in the Faculty of Practical Science, must be paid for at the rates affixed :

FIRST YEAR.

Practical Trigonometry and Descriptive Astronomy ..	\$10 00
Elementary Drawing	9 00
Elementary Surveying.....	10 00

SECOND YEAR.

A.	Qualitative Analysis.....	\$20 00
B.	{ Drawing.....	9 00
	{ Study of Mathematical Instruments.....	8 00
C.	{ Experimental Physics.	10 00
	{ Practical Surveying.....	10 00
D.	{ Workshop	20 00
	{ Experimental Study of Electricity and Magnetism....	10 00

5. Students in electrical and civil engineering must work in the mechanical workshop for two sessions, and students in mechanical engineering for three sessions. Work will be done under the supervision of a competent instructor along lines laid down by the lecturer on mechanism.

Discussion of Subjects.

Chemistry.—Chemistry, as the science of those changes by which given species of matter become transformed into other species, is the basis of biology and medicine, and forms an essential part of the groundwork of mineralogy, geology and various technical studies, such as assaying, engineering and mining. A knowledge of the elements of chemistry is also essential to a practical education. The work of the first year has been arranged with the view to set the subject in a clear and pleasant light and to give a broad view of its nature and scope rather than a mastery of its infinite details. As chemistry is an experimental science, the student should, at his entrance upon the study, learn to experiment. The work of the Junior class is therefore divided into lectures and laboratory practice, the latter being of such a nature as to illustrate the subjects dealt with in the lectures.

In the second year specialisation begins, those intending to pursue a course in arts, engineering, or mineralogy devoting themselves especially to chemical laws and theories, and to crystallography; while students of medicine take up organic chemistry and the analysis of urine, milk, &c. All students of the second year, however, engage in study of the special chemistry of the metals. In the second year, too, those who are preparing themselves for assaying or mining engineering study systematic qualitative analysis.

In the third year, those who are taking chemistry as part of a liberal education extend their knowledge of organic chemistry and of crystallography, while students intending to take a medical course attend lectures on physiological chemistry. Technical students learn to analyse qualitatively minerals, alloys, &c., and may begin quantitative analysis.

The fourth year is devoted mostly to quantitative analysis and assaying, work which calls for patience, care and industry, and which forms an unsurpassed means of cultivating these qualities. In order to give the Arts student a comprehensive view of the subject, courses of lectures on general chemistry and the history of chemistry are provided. Under the head of general chemistry, the chemical laws and theories are discussed somewhat minutely, and such subjects as the relations of chemical change to heat, light, and electricity are examined.

The well-equipped laboratories of the School of Mining afford every opportunity for the practical work without which the study of an experimental science loses half its value. Experimentation is therefore a feature of the chemical course throughout the four years.

The chemical and assay laboratories are also used for work by post-graduate and other advanced students. Original investigation of chemical and mineralogical problems is carried on. This is a most important, in fact an essential, feature of a progressive scientific school.

Mechanism.—Machinery and mechanism play so important a part in modern appliances and modern civilization, that no person can be said to be practically educated who does not know something of the working principles of the more important machines. A machine should be studied along three lines—(1) as to the fundamental mechanical principles and movements which it involves, (2) with reference to its actual construction and to the most appropriate materials entering into it, and (3) as to the mathematical principles of its action, the velocities of the moving portions, the stresses which come upon its several parts, &c.

It is along these three divisions that the study of mechanism and machines will be carried out. The theoretical, but non-mathematical principles of mechanism will be illustrated by means of models and diagrams, and by reference to the action taking place in the various parts of working machines. In order to make this more effective, students will, from time to time, be accompanied to the machine shops of the city, and especially to the works of the Canadian Locomotive and Engine Company, where efficient and complex machines are to be seen in actual work.

For the purpose of making the student more familiar with the construction of machines, he will be required to construct, or assist in constructing, in the workshop, not only models, but working machines, such as lathes, steam engines, dividing plates, gear-cutting engines, &c., and these, although necessarily limited in size, will be complete in form and action. Different machines will be taken up in different sessions.

Besides the foregoing, students will be required to obtain a thorough knowledge of the principles of construction, and of the methods of use of the different scientific instruments commonly employed in the various applications of science, such as scales, slide rules, sectors, pantagraphs, planimeters, verniers, sextants, transits, &c., and of the means of discovering the errors of such instruments and, where practicable, of correcting them.

Experimental Physics and Electricity.—The purpose of this class is to bring to the notice of the student the more important of the physical properties of matter, and of the physical forces of the universe, by means of experimentation. Experiments will be arranged and carried out under the guidance of

a competent instructor, and will have reference to such subjects as gravitation, equilibrium, motion on inclined planes, by suspended cords, &c., impact, friction, flotation, &c. Also, a series of experiments will be performed in order to study the properties of heat, under the subjects of dilatation, liquefaction, gasification, thermometry, specific and latent heats—the properties of light under the subjects of refraction, reflection, polarization, &c.—and a special series of experiments will be conducted for the study of electricity in all its variations of thermo-electricity, voltaic-electricity, magneto-electricity, and magnetism, and illustrations will be given by means of various models and small machines, of the application of this wonderful form of energy to telegraphy, telephony, electric lighting, and the driving of machinery.

Civil Engineering.—This phrase is so wide in its import that no complete definition of its meaning can be given. It involves the general application of scientific principles to all kinds of material constructions, such as bridges, canals and roads, and an extensive and practical knowledge of the subject can be obtained only by actual experience in carrying out large and varied engineering operations. But the mathematical knowledge and the scientific theory which form the foundation of all engineering work are most readily and conveniently obtained in mathematical classes and in science laboratories. Hence, the subject of Civil Engineering will be taught mostly in theory, illustrated and enforced by diagrams and models of great and notable structures built by eminent engineers, some of whom will give short courses of lectures.

The theoretical part of the subject will include, in addition to the purely mathematical and physical requirements, such matters as mechanism, surveying, strength of materials, structural geology, drawing, &c., &c. Students will be accompanied, from time to time, to any engineering operations which may be under way within reasonable distances.

Surveying.—This subject will be taught both theoretically and practically. The theoretical part will include such matters as geodsey, plain and spherical trigonometry with the uses and applications of tables and of the ephemeris, theory of surveying instruments with their errors and corrections, principle of least squares, &c. For practice the students will be required to make and work out observations for the meridian, for time, for longitude and for latitude, and to carry on and plot small surveys on both level and unlevel ground.

The sextant, the theodolite and the transit will principally be employed in practical work, and lessons will be given as required in the astronomical observatory.

Mining Engineering, Architecture and Navigation.—For these subjects see the calendar of the School of Mining, to be obtained from W. Mason, Bursar.

Animal Biology.—This department includes in its widest sense, the anatomy, histology, classification, distribution, embryology, physiology and sociology of animals. To the average medical man the classification, the distribution and the psychology of animals are of much less importance than the other divisions of the subject. It may be well therefore to indicate to intending students the scope and objects of a course which aims at laying a broad foundation for the scientific study of medicine. This can best be done by giving a relatively wide view of the whole subject.

The foundation for the class is laid in the students' first year's work in physics and chemistry, without some knowledge of which it is impossible to understand the physiology of plant and animal life. As the study of form should precede or accompany the study of function, the comparative anatomy of important types of animals will be studied first. Then will follow a course of lectures and demonstrations in animal physiology, prominence being given to the physiology of vertebrates, and especially of mammals, because it is to these we must look, in the future as we have done in the past, for the chief source of our knowledge of so-called human physiology.

Recent progress in physiology being largely due to the use of the microscope, students will be made thoroughly acquainted with modern methods of microscopical research. Histology and Embryology will be studied for two sessions, the demonstrations being given *pari passu* with the lectures in physiology, and forming a bona-fide part of the work of the physiology class.

The study of bacteria will receive the attention which its importance merits.

The foregoing course is a good foundation for acquiring a knowledge of *materia medica*, pathology, and the other special subjects which constitute the strictly professional part of a medical curriculum. For, as the dose of a new medicine and its physiological action on the human body are first determined by experiment upon the lower animals, a knowledge of physiology must precede that of *materia medica*. Pathology is still more dependent upon physiology. It is, in fact, a part of physiology, as being the "natural history" of disease; and the diseased condition of animal or plant can be recognized, and its cause ascertained, only by first being acquainted with the healthy condition.

A student of medicine, therefore, who would be more than a mere tradesman, must acquire a wide knowledge of comparative

anatomy, of comparative physiology, and of the histology of both healthy and diseased tissues. For disease is as "natural" as health, and the study of a diseased animal or plant, whether the disease be due to inheritance, to environment, to over-exertion, or to micro-organisms, is as purely scientific as the study of the same animal or plant in a state of health.

From the preceding outline the student of medicine will perceive that disease is as widespread and as natural as life; that some diseases of animals and plants may be averted by a full knowledge of the life history of the organisms which cause the disease; that disease is often only a special phase in the struggle for existence—a struggle which occurs not so much between individuals of the same species as between widely different species; and that what we term disease in one animal or plant may be caused by a superabundance of health in another animal or plant which, living its own life, preys upon the other, as it struggles to maintain its place in the universe.

For the character and scope of the purely academic subjects forming a part of the Practical Science courses, such as mathematics and physics, see under Faculty of Arts; and for matters pertaining to theoretical geology, petrography, mineralogy, and assaying, forming parts of the course of mining engineering, see the calendar of the School of Mining.

FACULTY OF LAW. DEGREE OF LL.B.

1. Undergraduates who are taking the Honour course of the University in History and Political Science may, after completing that course, proceed to the degree of LL.B. by passing on the following works :—

Dicey's Law of the Constitution.
Harris' Principles of Criminal Law.
Hardcastle on Statutes.
Westlake's Private International Law.
T. A. Walker's International Law.
Justinian's Institute (Sandars).

2. Graduates will be allowed any subjects in the above course which they may have already passed in Arts.

3. Barristers-at-law or persons who may have been admitted as Students-at-law by the Law Society of Upper Canada and have passed their second Intermediate Examination will be admitted to the degree by passing on the Honour course of the University in History and Political Science, together with the works specified in section 1.

4. Graduates of this or any recognized University, being barristers-at-law, will be admitted to the degree by passing on the following works, in addition to those specified in section 1 :—

Bourinot's Manual of Constitutional History of Canada.
Bryce's American Commonwealth. Vol. I.
Bagehot's English Constitution.
Gneist's History of the English Constitution.
Holland's Elements of Jurisprudence.
Maine's Ancient Law.

5. Candidates are required to send notice to the Registrar, before the 1st day of March, of their intention to present themselves for any of the examinations.

CALENDAR

OF

Queen's College and University

KINGSTON, CANADA,

FOR THE YEAR 1895-96.

PART II.



INCORPORATED BY ROYAL CHARTER, A.D. 1841.

KINGSTON :

PRINTED FOR THE UNIVERSITY BY WM. BAILIE.

1895.

UNIVERSITY OFFICERS.

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J. B. McIVER, Esq., Kingston, Secretary-Treasurer.			

The Annual Meeting of the Board is held in the Senate Chamber, on the evening of the last Wednesday in April.

UNIVERSITY COUNCIL.

The Council consists of the Chancellor, the Trustees, the Members of the Senate, and forty-eight elective members.

The Chancellor is elected by the Council, except when two or more candidates are nominated, in which case the election is by registered graduates and alumni. He holds office for three years, and, as highest officer of the University, presides at meetings of Council and Convocation, and at statutory meetings of Senate. In his absence he is represented by the Vice-Chancellor.

Of the elective members eight retire annually. Successors are elected by registered graduates and alumni. Retiring members may be re-elected.

The Council has power to elect five trustees, one trustee retiring annually, to discuss all questions relating to the College and its welfare, to make representations of its views to the Senate or the Board of Trustees, to decide on proposals for affiliation and to arrange all matters pertaining to the installation of the Chancellor, its own meetings and business, the meetings and proceedings of Convocation, and the fees for membership, registration and voting.

Convocation for the conferring of degrees, etc., is held upon the twenty-ninth day of April, 1896.

UNIVERSITY COUNCIL.

ELECTIVE MEMBERS IN THE ORDER OF THEIR RETIRING.

Retire 1901.	{	JAMES C. CONNELL, M.A., M.D.....	Kingston.
		REV. J. K. McMORINE, M.A.....	Kingston.
		W. J. GIBSON, M.A., M.D.....	Belleville.
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Retire 1900.	{	R. H. PRESTON, M.D., M.P.P.....	Newboro'.
		REV. JAMES A. GRANT.....	W. Tor. Junc.
		R. J. McLENNAN, B.A.....	Toronto.
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		ALEX. G. FARRELL, B.A.....	Smith's Falls.
		G. R. WEBSTER, B.A.....	Brockville.
Retire 1899.	{	WILLIAM SPANKIE, M.D.....	Wolfe Island.
		JAMES G. CRANSTON, M.D.....	Arnprior.
		JOHN McINTYRE, M.A., Q.C.....	Kingston.
		REV. JOHN HAY, B.D.....	Cobourg.
		GEORGE BELL, M.A.....	Toronto.
		P. C. MCGREGOR, B.A.....	Almonte.
		R. M. DENNISTOUN, B.A.....	Peterboro'.
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		HERBERT J. SAUNDERS, M.D.....	Kingston.
Retire 1898.	{	REV. CHAS. J. CAMERON, M.A.....	Brockville.
		REV. J. D. BOYD, B.A.....	Kingston.
		LENNOX IRVING, B.A.....	Pembroke.
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		LEWIS W. SHANNON, M.A.....	Kingston.
		JOHN HERALD, M.A., M.D.....	Kingston.
Retire 1897.	{	WILLIAM G. ANGLIN, M.D.....	Kingston.
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		JOHN L. BRAY, M.D.....	Chatham.
		W. A. LOGIE, M.A., LL.B.....	Hamilton.
Retire 1896.	{	ROBERT H. COWLEY, M.A.....	Ottawa.
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		HON. M. SULLIVAN, M.D.....	Kingston.
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SANDFORD FLEMING, C.E., C.M.G., LL.D.

PRINCIPAL AND VICE-CHANCELLOR.

VERY REV. GEORGE MONRO GRANT, M.A., D.D., LL.D.

VICE-PRINCIPAL.

REV. JAMES WILLIAMSON, M.A., LL.D.

REGISTRAR.

REV. GEORGE BELL, B.A., LL.D.

OFFICERS OF INSTRUCTION.*I.—In Theology.*

The Principal.....	Primarius Professor of Divinity.
Rev. J. B. Mowat, M.A., D.D...	Professor of Hebrew, Chaldee and Old Testament Exegesis.
Rev. Donald Ross, B.D., D.D...	Professor of Apologetics and New Testament Criticism.
Rev. D. J. Macdonnell, B.D....	Lecturer on Pastoral Theology.
.....	Lecturer on Church History.
.....	Watkins Lecturer on Elocution.

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John Fletcher, M.A., Oxon.....	Professor of Latin and Dean of the Faculty.
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All candidates must submit a thesis on some subject connected with their special course, embodying the results of original investigation. (See Part I, Art. VII).

I. DEGREE OF PH.D.

1. *Course for the Degree of Ph.D. in Classics.*

Candidates for the Degree of Ph.D. in Classics will be examined on:—

- (a) The General History of Greece.
- (b) The General History of Rome.
- (c) A special period of Greek History to be studied in detail, mainly from original authorities.
- (d) A special period of Roman History to be studied in detail, mainly from original authorities.
- (e) Plato's *Republic* and Aristotle's *Nicomachean Ethics*.
- (f) Aristotle's *Politics*.

The period of Greek History selected is, *Greek History to the close of the Peloponnesian War.*

Original Authorities.

Herodotus.

Thucydides.

Xenophon's *Hellenics*, B. I and II.

The period of Roman History selected is, *Roman History from the end of the Third Punic War to the death of Vespasian.*

Original Authorities.

Plutarch's *Lives of the Gracchi*.

Cicero's *Letters* (Watson's Selections).

Sallust's *Jugurtha* and *Catiline*.

Tacitus' *Annals*, B. I-VI.

Candidates must show acquaintance with modern authorities on Greek and Roman History and with the best modern critics of Plato and Aristotle. They are expected to show familiarity with the substance of the books prescribed, as well as to be able to translate them.

2. Course for the Degree of Ph.D. in English and Modern Literature.

(a) ENGLISH LANGUAGE AND LITERATURE.

1. Candidates are expected to show a general knowledge of the following subjects:—

The history of English Literature from 449 A.D.
 The growth of the English Language.
 The development of English metres.
 Anglo-Saxon Grammar and Language.

2. Candidates are also required to offer a special course, Periods I, II and V, or Periods III, IV and V, according to the scheme given below :

- I. From 449 to 1280 A.D.
- II. From 1200 to 1580 A.D.
- III. From 1550 to 1700 A.D.
- IV. From 1700 to 1800 A.D.
- V. From 1800 to present time.

PERIOD I. (449 to 1280).

Besides general papers on the literature of this period, special papers will be set on the following works:—

Beowulf
 Battle of Maldon.
 Ælfric's Homilies.
 Bede's Ecclesiastical History.
 The Anglo-Saxon Chronicle.

Candidates who choose this period are expected to show a competent knowledge of contemporary English history.

PERIOD II. (1200-1580).

Special papers on the following works:—

Piers the Plowman.

Chaucer's Canterbury Tales.

Skeat's Specimens of English Literature from 1394 to 1579.

Spenser's Works.

Sir Thomas Malory's Morte D'Arthur, Bks. XVII to XXI.

Percy's Reliques of Ancient English Poetry.

PERIOD III. (1550-1700).

Special papers on the following works:—

Marlowe—Dr. Faustus, Jew of Malta.

Shakespeare—Richard II, Henry IV, Henry V, Julius Cæsar, Antony and Cleopatra, Coriolanus, Lear, Macbeth.

Ben Jonson—Every Man in his Humour, The Alchemist, Sejanus.

Webster—Appius and Virginia, Vittoria Corombona.

Massinger—The Duke of Milan, A New Way to Pay Old Debts.

Bacon—Essays, Advancement of Learning.

Milton—Paradise Lost, Comus and Lycidas.

Dryden—Annus Miribilis, Absalom and Achitophel.

PERIOD IV. (1700-1800).

Special papers on the following works:—

Pope—Rape of the Lock, Satires and Epistles.

Addison—Papers in the Spectator (T. Arnold's Selection).

Johnson—Lives of the Poets (M. Arnold's Selection).

Burke—Speech on Fox's East India Bill, on the Nabob of Arcot's Debts, Reflections on the French Revolution.

Richardson—Clarissa Harlowe.

Fielding—Amelia.

Boswell—Life of Johnson.

Letters of Chesterfield and Horace Walpole.

Works of Gray, Cowper and Crabbe.

PERIOD V.

1. A critical knowledge of the works of the following authors:—

Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Carlyle (French Revolution, Oliver Cromwell, Reminiscences).

Emerson (Essays and Orations, Representative Men).
 Scott, Thackeray, Hawthorne.
 Browning (Dramas, Men and Women, Dramatic Romances,
 The Ring and the Book).
 M. Arnold (Essays in Criticism, 1st and 2nd Series, On
 Translating Homer, Culture and Anarchy).

2. A special knowledge of the following subjects :—

The development of historical writing in the 19th century.
 The development of literary criticism in the 19th century.

(b) MODERN LANGUAGES.

1. GERMAN.

1. Gothic :—

Unfilas (Braune's Extracts).
 Grammar (Braune).

Old High German :—

Althochdeutsches Lesebuch (Braune).
 Grammar (Braune).

Middle High German :

Gudrun; Der arme Heinrich; Titurel; Walter von der
 Vogelweide (Selections).
 Grammar (Paul's Mittelhochdeutsche Grammatik).
 History of the German Language (Grammars of Paul
 and Braune, and Behagel's Deutsche Sprache).
 History of German Literature to the Reformation
 (Scherer's Geschichte der deutschen Litteratur).

2. Eighteenth Century :—

Lessing—Dramen, Laokoon,
 Herder—Der Cid, Ideen zur Geschichte der Menschheit.
 Wieland—Agathon, Oberon, Abderiten.
 Gœthe—Dramatische Werke, Wilhelm Meister,
 Italienische Reise, Die Wahlverwandtschaften.
 Schiller—Balladen, Dramatische Werke.
 Voss—Luise.
 Bürger—Balladen.
 Jean Paul Richter—Sibenkäs, Titan.
 History of the Literature (Scherer).

3. Nineteenth century :

Heinrich von Kleist—Dramen, Michael Kohlhaas.
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 Karl Gutzkow—Die Ritter vom Geist.
 Auerbach—Auf der Höhe, Die Frau Professorin.
 Scheffel—Ekkehart, Der Trompeter von Säckingen.
 Gustav Freytag—Die verlorene Handschrift.
 Die Ahnen.
 Paul Heyse—Novellen (Selections).
 Georg Ebers—Homo Sum, Die Nilbraut.
 Felix Dahn—Kampf um Rom.

Books recommended :

Koberstein, Grundriss der deutschen Nationallitteratur.
 Hettner, Geschichte der deutschen Litteratur im 18ten
 Jahrhundert.
 Julian Schmidt, Geschichte der deutschen National-
 litteratur im 19ten Jahrhundert.
 Lessing, Hamburgische Dramaturgie.
 Paul, Grundriss der germanischen Philologie.

II. FRENCH.

1. From the origins to the beginning of the 15th century :

Bartsch's Chrestomathie de l'ancien français.
 History of the French language (Clédat, Grammaire
 élémentaire de la vieille langue française ; Brachet,
 Dictionnaire étymologique).

2. Age of Louis XIV:

P. Corneille—Thréâtre.
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 taine Fracasse, La Morte amoureuse, Emaux et
 camées.
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 History of the Literature (Géruzez).

Books recommended :—

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Paul Albert—Histoire de la littérature française.

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Leopardi—Operette Morali.

De Amicis—L'Olanda.

Tasso—La Gerusalemme Liberata, I-XII.

Ariosto—Orlando Furioso, I-V.

Dante—Inferno.

History of the Literature (Ebert's Handbuch).

or

SPANISH.

Grammar and Composition.

Castelar—La Hermana de la Caridad.

Caballero—La Familia de Alvareda.

Cervantes—Don Quixote.

Coleccion de poesias liricas (Carolina Michaëlis).

El Poema del Cid.

History of the Literature (Ticknor).

IV. COMPARATIVE GRAMMAR OF THE ROMANCE LANGUAGES.

Books recommended :—

Gustav Körting—Encyklopaedie und Methodologie der romanischen Philologie, dritter Theil.

Gröber—Grundriss der romanischen Philologie.

Candidates may omit period 2 or 3 in German and period 2, 3, or 4 in French. They will be expected to show an intimate knowledge, at first hand, of the periods and works professed, and a general knowledge of the history of the language and literature.

Two essays will be required, one written in French and

the other in German, on approved subjects connected with these languages or their literature. The essays must be the candidates' unaided composition, give evidence of originality of treatment, be correct as to orthography and syntax, and show, at least, an ordinary mastery of style.

A short composition must, in addition, be written in presence of the examiner.

Candidates must also be able to converse fluently in French and German on any ordinary theme.

3. *Course for the Degree of Ph.D. in History and English Literature.*

(a) HISTORY.

1. The History of England.

Continuous Constitutional History.

Continuous Political History.

A selected period to be studied in detail from the original authorities.

2. A period of general history to be studied in detail from original authorities.

3. The literature of the special periods selected.

The books on the constitutional history of England to be studied are:—

Stubbs' Constitutional History and Select Charters.

Hallam's Constitutional History.

May's Constitutional History.

Periods for detailed study:—

English History.

449–1066.

1066–1272.

1272–1485.

1485–1603.

1603–1714.

1714–1880.

General History.

493–1095.

1095–1273.

1273–1530.

1530–1648.

1648–1788.

1788–1880.

Candidates are required to take the special periods most nearly corresponding with each other in English and general history, and in studying the selected periods they are expected to make themselves acquainted with their social and literary history.

The following books, classed under the respective periods, are recommended to students for their careful study, especially the original authorities. A knowledge of French and German is presumed.

449-1066.

Kemble's Saxons in England.
Lappenberg's England under Anglo-Saxon Kings.
Green's Making of England.
Green's Conquest of England.
Pearson's Early and Middle Ages in England.
Innes' Scotland in the Middle Ages.
Worsaae's Danes in England.
Freeman's Norman Conquest, vols. 1 and 2.
Palgrave's Normandy and England, vols. 1 and 2.
Gneist's English Constitution.

449-1095.

Gibbon's Decline and Fall of the Roman Empire.
Milman's Latin Christianity, vols. 3 and 4.
Finlay's History of Greece, vol. 3.
Michelet's Hist. de la France, vols. 1-3.
Pardessus sur la Loi Salique, or Merkel's Lex Salica.
Sismondi's Republiques Italiennes, vols. 1-3.
Giesebrecht, Geschichte der Deutschen Kaiserzeit, vols. 1 and 2.
Waitz, Verfassungsgeschichte, vol. 2.
Roth's Feudalität und Unterthanverband.
Fustel de Coulanges' Hist. des Institutes Politiques de la France, vols. 1, 2.
Thierry's Hist. des Gaulois.
Dahn's Die Deutschen Könige.

Original Authorities.

Anglo-Saxon Chronicle, edit. Thorpe.
Ancient Laws and Institutes, edit. Thorpe.

Historiæ Gregorii Turonensis.
Precopius De Bello Gothico.
Fredegarii Chronicon.
Eginhardi Vita Caroli Magni.

Lives of Edward the Confessor, edit. Luard.
 Memorials of St. Dunstan, edit. Stubbs.

1066-1272.

Freeman's Norman Conquest.
 Freeman's William Rufus.
 Stubbs' Early Plantagenets.
 Norgate's Angevin Kings.
 Lingard's History of England, vols. 3 and 4.
 Pauli's Geschichte von England.
 Robertson's Scotland under Early Kings.
 Blauw's Wars of the Barons.
 Toulmin-Smith's English Guilds.
 Ellis' Introduction to Domesday Book.

Original Authorities.

Chronicon Matth. Parisii, edit. Madden.
 Hist. Rogeri de Hovedene, edit. Stubbs,
 Chronicon Riccardi I, edit. Thorpe.
 Gesta Henrici II and Riccardi I, edit. Thorpe.

1272-1485.

Longman's Life and Times of Edward III.
 Gairdner's Houses of Lancaster and York.
 Gairdner's Life and Reign of Richard III.
 Brougham's England under the House of Lancaster.

Pauli Diaconi Historia Longobardorum.
 Wittichindi Annales.
 Luitprandi Historia.

1096-1272.

Gibbon's Rome, vol. 8.
 Finlay's History of Greece, vols. 3 and 4.
 Milman's Latin Christianity, vols. 3 and 4.
 Giesebrecht Geschichte der Deutschen Kaiserzeit.
 Von Raumer, Geschichte der Hohenstauffen.
 Gfrorer, Der Papst Gregorius VII.
 Heyd's Commerce du Levant, vol. 1.
 Michelet's Hist. de la France, vols. 5 and 9.
 Sismondi's Rep. Italiennes, vols. 1-3.
 Von Sybel's History and Lit. of the Crusades.

1272-1520.

Gibbon's Rome, vol. 8.
 Milman's Latin Christianity, vols. 5 and 6.
 Sismondi's Rep. Italiennes, vols. 4 and 5.
 Gregorovius, Geschichte der Stadt Rom., vols. 5 and 6.
 Von Reumont's Lorenzo de Medici.

Freeman's Essays, 1st series,
on the French wars of Ed-
ward III and Henry V.
Burton's History of Scotland,
vols. 4-6.
Fortescue's *Gouvernance* of
England.

Villari's Life and Times of
Machiavelli.
Amari's War of the Sicilian
Vespers.
Prescott's Ferdinand and Isa-
bella.
Michelet's *Hist. de la France*,
vols. 9-14.
Perren's *Histoire de Florence*.
Heyd's *Commerce du Levant*,
vol. 2.

Original Authorities.

Patson Letters, edit. Gairdner.
Monumenta Franciscan, edit.
Plumner.
Letters of reign of Henry IV,
edit. Hingeston.
Wars of the English in France
under Henry VI, edit. Shir-
ley.
Matthew Paris, *Chronica Ma-
jora*, vol. 5.

Vita Henrici VII, Caes. Aug.
Vita Ludovici Bavariae.
Historia Frederici III.
Froissart's Chronicles.
Monstrellet's Chronicles.

1435-1603.

Froude's History of England,
Bacon's History of Henry VII.
Brewer's Life of Henry VIII.
Burnet's History of the Refor-
mation in England.
Friedman's Anne Boleyn.
Du Boy's Catherine of Aragon.

1530-1648.

Ranke's History of the Popes.
Michelet's *Hist. de la France*,
vols. 15-19.
Prescott's Life of Charles V.
Gindley's Thirty Years' War.
Creighton's The Papacy dur-
ing the Reformation.
Motley's Rise of the Dutch
Republic.
Motley's History of the United
Netherlands.
Gregorovius, *Geschichte der
Stadt Rom.*, vols. 7 and 8.

Original Authorities.

State Papers of Henry VIII,
edit. Brewer.
Materials for the History of
Henry VII, edit. Campbell.

Petitot's Collection of Me-
moires.

1603-1714.

Ranke's History of England.
 Gardiner's History of England.
 Carlyle's Life of Cromwell.
 Clarendon's History of the
 Great Rebellion.
 Burnet's History of his own
 Time.
 Macaulay's History of Eng-
 land.
 Coxe's Life of Marlborough.
 Burton's History of Queen
 Anne's Reign.
 Lecky's History of the XVIII
 Century.

1648-1788.

Ranke's Französische Gesch-
 ichte.
 Ranke's History of the Popes.
 Stanhope's War of the Spanish
 Succession.
 Finlay's Greece, vol. 6.
 Michelet's Hist. de la France,
 vols. 16-19.
 Voltaire's Siècle de Louis XIV.
 Cheruel's Histoire de France,
 pendant la Minorité de Louis
 XIV.
 Les Memoires de St. Simon.
 Carlyle's Frederick the Great.
 Ranke's House of Branden-
 burg.

Original Authorities.

Hardwick's State Papers.
 Pepy's Diary.
 Evelyn's Diary.
 State Papers of the period in
 the Roll Series.

Continuation of Petiot's Col-
 lection of Memoires.

1714-1880.

Lecky's History of the XVIII
 Century.
 Lord Mahon's History of Eng-
 land.
 Massey's Life and Times of
 George III.
 Walpole's Reign of George II.
 " " " III.
 Buckingham's Reign of George
 IV.
 Buckingham's Reign of Wil-
 liam IV.
 Sir G. C. Lewis' Essays on
 the Administration of Great
 Britain.
 McCarthy's History of the
 Georges.
 Alison's History of Europe and
 continuation.

1788-1880.

Sorel's Europe et la Revolu-
 tion.
 Taine's Ancien Regime.
 De Tocqueville's France before
 the Revolution.
 Thiers' French Revolution.
 Thiers' History of the First
 Consulate.
 Von Sybel's French Revolu-
 tion.
 Lanfrey's Life of Napoleon I.
 Stein's Life by Seeley.
 Metternich's Memoirs.
 Jerrold's Life of Napoleon III.
 Farini's History of Italy since
 1815.
 Gallenga's Italy, Present and
 Future.

Molesworth's History of England from 1815.
 Wilson's History of British India.
 Bancroft's Constitution of the United States.
 Bryce's American Commonwealth.
 Kingsford's History of Canada.

Finlay's Greece, vol. 7.
 Gervinus' Geschichte des XIX Jahrhunderts.

Original Authorities.

Hansard's Reports.
 Annual Register.
 Pitt's Speeches.
 Burke's Speeches.

Diplomatic Correspondence.

(b) ENGLISH LITERATURE. For subjects, see Course 2.

4. Course for the Degree of Ph.D. in History and Modern Literature.

(a) HISTORY. For subjects, see Course 3.

(b) MODERN LITERATURE. For subjects see Course 2.

5. Course for the Degree in Ph.D. in English Literature and Political Science.

(a) ENGLISH LITERATURE. For subjects, see Course 2.

(b) POLITICAL SCIENCE.

1. Politics :—

Aristotle's Politics.
 Dante's De Monarchia.
 Spinoza's Tractatus Politicus.
 Rousseau's Contrat Social.
 Bluntschli's Theory of the Modern State.
 Pulszky's Theory of Law and Civil Society.
 Wintz's Grundzüge der Politik.

2. Economics :—

Ricardo's Principles of Political Economy.
 Roscher's Political Economy.

Fawcett's Political Economy.
 Cairnes' Logical Method of Political Economy.
 Sidgwick's Principles of Political Economy.
 Knies' Die Politische Oekonomie vom geschichtlichen Standpuncte.

Candidates are recommended to consult the works of such authors as the following :

In Politics—Bentham, Burke, Austin, Hegel, Montesquieu, Pollock, Freeman.

In Economics—Rogers, Walker, Jevons, Bagehot, Toynbee, Ashley, Schönberg, Kautz, Wagner.

3. All candidates must offer *one* of the following special subjects. They are expected to be familiar with the standard books on the subject offered. The names are given of a few authors whose books are recommended.

Origin and Development of Social and Political Institutions :

Maine, McLennan, Laveleye, Morgan, Coulanges.

Relations of Capital and Labour, Socialism, &c. :

Marx, Walker, Ely, Howell, Böhmert, Rae, Schäffle, Scheel.

Money, Banking, Stock Exchange :

Walker, Jevons, Bagehot, Gilbert, McLeod, Grump.

Taxation, Local Municipal Government :

Cossa, Sargent, Ely, Giffen, Traill, Vine, Jameson, Bourinot.

Colonies and Colonial Policy, Immigration and Emigration:

Arnold, Hereen, Merivale, Lewes, Cairnes, Seward.

Development of English Industrial and Economic Relations.

Seebohm, Ashley, Levi, Rogers, Cunningham.

Land and Land Questions:

Pollock, Kinnear, Walker, Card, Kay, Eggleston-George.

6. *Course for the Degree of Ph.D. in History and Political Science.*

(a) HISTORY. For subjects, see Course 3.

(b) POLITICAL SCIENCE. For subjects, see Course 5.

7. *Course for the Degree of Ph.D. in Mental and Moral Philosophy.*

(a) PHILOSOPHICAL SYSTEMS.

Candidates may offer any one of the following :—

1. The Philosophy of Aristotle, with special reference to the *De Anima*, *Nicomachean Ethics* and *Politics*. Ability to translate these books is presumed.

2. The Philosophy of Hegel, with special reference to the *Encyklopädie*, I and III, *Wissenschaft der Logik*, I and III, *Phänomenologie des Geistes*, pp. 1–168, and *Philosophie des Rechts*.

3. The Philosophy of Comte, as contained in the *Cours de Philosophie Positive* and *System of Positive Polity*.

4. The Philosophies of Schopenhauer, Hartmann and Lotze, with special reference to Schopenhauer's *World as Will and Idea*, Hartmann's *Philosophy of the Unconscious*, and Lotze's *Microcosmus* and *System of Philosophy*.

5. English Empirical Philosophy, as represented by James Mill's *Analysis of the Human Mind*, J. S. Mill's *Logic*, Examination of Hamilton and Utilitarianism, Bain's *Senses and Intellect*, *Emotions and Will*, Herbert Spencer's *First Principles*, *Psychology and Data of Ethics*.

Acquaintance with the best recent criticism is in all cases required.

(b) PRINCIPLES OF PHILOSOPHY.

Candidates must profess one of the following branches of Philosophy :

1. The Principles of Logic. References : The logical treatises of Hegel, Mill, Jevons, Venn, Lotze, Bradley and Bosanquet.

2. The Principles of Psychology. References : The psychological works of James Mill, J. S. Mill, Bain, Wundt, Sully, Ladd, James, and Lotze.

3. The Principles of Ethics. References : The ethical works of J. S. Mill, Bain, Sidgwick, Green, Bradley, Spencer, Stephen, and Martineau.

4. The Principles of Æsthetics. References : The æsthetic treatises of Aristotle, Kant, Schiller, Lessing, Hegel, Lotze, Schasler, and Ruskin.

5. The Principles of Political Science. References : See Honour work in Political Science for degree of M.A.

II. DEGREE OF D.Sc.

1. *Course for the Degree of D.Sc. in Pure and Applied Mathematics.*

Candidates for this degree must take first class honours in course 9 (Pure Mathematics) and first class honours in course 10 (Physics).

They must, in addition, show an intimate knowledge of at least one subject from each of the following groups :—

1. { Modern Synthetic Geometry.
 { Higher Algebra.
2. { Dynamical theory of Heat.
 { Dynamical theory of Electricity.

The title of books bearing on the foregoing subjects can be obtained by communication with the professors.

2. *Course for the Degree of D.Sc. in Chemistry, Mineralogy, Botany, Zoology, and Geology.*

The degree is open only to those who have taken the degree of M.A. in courses 3, 4 or 5, page 37.

Candidates are required to have a thorough knowledge, practical and theoretical, of the subjects in one of the following divisions :—

1. Chemistry :

- (1) Inorganic Chemistry.
- (2) Organic Chemistry.
- (3) Chemical Analysis.

Chemistry in its relations to

- (4) Mineralogy.
- (5) Biology.
- (5) Industries.

Any two of these may be chosen as *chief subjects*.

2. Mineralogy :

- (1) Systematic Mineralogy.
- (2) Mineralogy in its relations to Chemistry and Geology.
- (3) Petrography.
- (4) Ore Deposits.
- (5) Determinative Mineralogy.
- (6) Assaying.
- (7) Economic Mineralogy of Canada.

3. Biology :

Comparative Anatomy and Physiology, Chemistry of Ferments, Bacteriology, with either of the following groups :—

- I. (1) Special studies in vegetable Histology and Physiology.
- (2) A practical acquaintance with the Cryptogamic Flora of Canada.

- II. (1) Animal Physiology and Embryology.
 (2) Osteology and Odontography of Vertebrates.
 (3) Special study of Invertebrates (Canadian).
 (4) Physiological Chemistry.

A thesis containing original work done in one of these subjects.

4. Geology :

Standing equivalent to First Year Honours in Chemistry and Honours in Mineralogy II will be required of candidates in this department.

Either of the following groups may be chosen by a candidate as his *chief subject*, and he will be required to take the other group as a *subordinate subject* :—

- (1) Dynamical Geology and Petrography.
 (2) Stratigraphical Geology and Palæontology.

The candidate will be expected to show an acquaintance with his subordinate subject equivalent to Honours in the undergraduate course. An intimate knowledge of the chief subject must be shown.

Detailed information to be obtained from the professors.

SCHOLARSHIPS IN THEOLOGY.

I. MATRICULATION SCHOLARSHIPS.

DAVID STRATHERN DOW.

Founded in 1866 by David Strathern Dow, Esq., Whitby, Ont. Value \$85.

DOMINION.

Founded in 1870 by a gentleman now resident in Nova Scotia. Value \$70.

BUCHAN NO. 1.

Founded in 1875, by bequest of the Rev. Alexander Buchan, Stirling, Ont. Value \$70.

BUCHAN NO. 2.

Founded by Rev. A. Buchan. Value \$60.

BUCHAN NO. 3.

Founded by Rev. A. Buchan. Value \$50.

M'INTYRE.

Founded in 1876 by Mrs. Margaret W. McIntyre, Perth, Ont. Value \$20.

II. SCHOLARSHIPS AWARDED AT CLOSE OF SESSION.

ANDERSON NO. 1.

Given by Robert Anderson, Esq., Montreal. Value \$40. Awarded in First Year Divinity.

ANDERSON NO. 2.

Given by Robert Anderson, Esq. Value \$40. Awarded in Second Year Divinity.

ANDERSON NO. 3.

Given by Robert Anderson, Esq. Value \$20. Awarded in Third Year Divinity.

GLASS MEMORIAL.

Founded in memory of the late Henry Glass, Esq., of Sarnia, by his widow. Value \$30. Awarded in Church History.

TORONTO.

Founded by the Ladies' Association of St. Andrew's Church, Toronto. Value \$60. Awarded in Second Year Hebrew.

ST. PAUL'S CHURCH, HAMILTON.

Founded by the Ladies' Association of St. Paul's Church, Hamilton. Value \$50. Awarded in Third Year Hebrew and Chaldee.

ST. ANDREW'S CHURCH, TORONTO.

Given by the session of St. Andrew's Church, Toronto. Value \$50. Awarded in O. and N. Testament Exegesis.

RANKINE.

Founded in 1881 by the late Alexander Rankine, Esq., Leamington, Eng. Value \$55. Awarded in Apologetics.

LEITCH MEMORIAL NO. 2.

Founded in 1867 in memory of the late Principal Leitch, by subscribers in Scotland and Canada. Value \$80. Awarded upon a Sessional Examination, and tenable during three successive years, should the successful candidate, after the completion of his theological curriculum at this University, continue his studies at this or any

European University. Candidates must have the degree of B.A. The next competition will take place in April, 1897. Subjects of examination :—The Epistles to the Romans and Hebrews in Greek, Psalms I–XXV in Hebrew, Butler's Analogy and the Divinity Lectures of the session.

SPENCE.

Founded in 1879 by the late Rev. Alex. Spence, D.D., formerly minister of St. Andrew's Church, Ottawa. Value \$60. Awarded upon the Sessional Examination at the close of the first year in Divinity, O. and N. T. Exegesis, and Apologetics or Hebrew. Tenable during the second and third years in Theology. The next competition will take place in 1896.

SARAH M'CLELLAND WADDELL MEMORIAL.

Founded in 1889 by Hugh Waddell, Esq., South Monaghan, Ont., in memory of his mother, Sarah McClelland. Value \$120. Awarded upon the Sessional Examination at the close of the first year in Divinity, O. and N. T. Exegesis and Elocution. Competition will take place in 1896.

JAMES ANDERSON BURSARY.

Founded by the late James Anderson, Acton, Ont. Value \$30. Awarded by the Senate to a student who can preach in Gaelic.

WILLIAM MORRIS BURSARY.

Founded by the late Hon. Alexander Morris, P.C., in memory of his father. Value \$60. Awarded by the Senate to a Divinity student taking a post-graduate course in the University.

MACKIE.

Given by Rev. John Mackie, M.A., St. Andrew's Church, Kingston, to the student who passes the best examination on Driver's O. T. Introduction. Value \$25 in books. May be taken by a student holding another scholarship.

UNIVERSITY PRIZES.

These are prizes in money for literary articles, essays, etc., as specified under each particular prize, and are open to students of the present or preceding session.

CONDITIONS OF COMPETITION.

1. Competitive papers must be given in to the Secretary of the Senate not later than the 7th November.

2. Each paper is to bear a motto, instead of the author's name, and must have attached to it a sealed envelope, bearing the same motto and containing a written declaration over the author's signature, to the effect that it is his unaided composition.

3. The envelope attached to successful papers shall be opened and the writer's name made known at Convocation at the close of the session.

4. The best productions must be reported by the examiners to be of sufficient merit.

5. All successful productions shall be the property of the University, and be at the disposal of the Senate.

LEWIS.

Value \$25. Given for the best lecture on John II, 1-11 inclusive.

M'BEAN.

Value \$25. Given by A. G. McBean, Esq., B.A., Montreal, for the best essay on "The principle of Evolution in its application to Ethics."

GOWAN FOUNDATION.

Value \$25. Given by the Honourable Senator Gowan, LL.D., for the best essay on "The relation of the Municipality to Natural Monopolies."

GOWAN FOUNDATION.

Value \$25. Given by the Honourable Senator Gowan, LL.D., for "The best collection of Canadian Plants." The collection must be delivered before the 15th December.

NICHOLLS FOUNDATION.

Value \$100. Founded by the late Charles J. Nicholls of Peterboro. Awarded to a student taking a post-graduate course and assisting the Librarian.

LATIN AND GREEK PROSE COMPOSITION.

Two prizes, each of the value of \$10 in books, are offered for competition for the best composition in Latin and Greek Prose respectively. Subjects for composition, 1895-96 :—Latin Prose, Burke's Speeches, *Nabob of Arcot's Debts*, from "I know that the ministers".....to "a lesson to the world." Greek Prose, Grote's *History of Greece*, Chap. LX, from "Such despair" to "after adequate preparation."

MEDALS.

University Medals will be awarded to the candidates who obtain the highest number of marks in the Honour courses leading to the degree of M.A.

Candidates for medals are required at their final examination to take all the honour papers in the work of the courses which they select. No medal will be awarded to any candidate who fails to obtain three-fourths of the whole number of marks.

LIST OF STUDENTS.

SESSION 1894-95.

IN ARTS.

Those marked with an asterisk are Students for the Ministry of the Presbyterian Church of Canada.

Name.	Year of Atten- dance.	Summer Residence.	Where Educated.
Alcombrack, R. W.	4	Hawley.....	Napanee H. S.
Allen, Emily.....	1	Kingston.....	Kingston C. I.
Allen, Maggie D...	6	Kingston.....	Kingston C. I.
Anderson, D. G...	1	Listowel.....	Listowel H. S.
Anglin, F. R.....	7	Kingston.....	Kingston C. I.
Anglin, R. W.....	3	Kingston.....	Kingston C. I.
*Anthony, James..	1	Owen Sound....	Owen Sound C. I.
Asselstine, Frances	7	Kingston.....	Whitby Ladies Coll.
Attwood, Albert E.	3	Vanneck.....	Strathroy C. I.
*Bain, William J..	2	Elora.....	Elora H. S.
Baker, Jas. Y.....	3	Summerstown..	Cornwall H. S.
Baker, Wm. C ...	4	Kingston.....	Kingston C. I.
Baker, Wm. R....	1	Newburg.....	Newburg H. S.
Bamforth, R.....	3	Belleville.....	Albert College.
Beaton, Kate F...	3	Orillia.....	Orillia H. S.
Begg, Colin L....	4	Orillia.....	Orillia H. S.
Beckett, S. E. J...	1	Goderich.....	Goderich C. I.
Bellamy, Mabel G..	1	Prescott.....	Athens H. S.
*Bennett, J. W. C.	5	Almonte.....	Almonte H. S.
Berlanquet H.S...	3	Admaston.....	Renfrew H. S.
Bernstein, Jacob..	1	Kingston.....	London C. I.
Best, David W....	5	Mount Pleasant.	St. Catharines C. I.
Boyd, Annie A....	2	Kingston.....	Ottawa Normal Sch.
Boyd, Mabel.....	1	Kingston.....	Kingston C. I.
Brandon, Jas. L...	2	Carnduff.....	Dundas H. S.
Bruels, Ira D.....	4	Deseronto.....	Collingwood H. S.
Brock, R. W.....	3	Toronto.....	Mount Forest H. S.
Brown, Albert H..	3	Beachburg.....	Pembroke H. S.
Brown, Amelia B..	1	Kingston.....	Kingston C. I.
Bryce, Walter.....	3	Keene.....	Peterboro C. I.
Burgess, Herb. H.	2	Owen Sound....	Private
*Burton, Robert...	3	Dundas.....	Dundas H. S.
Burton, Samuel...	4	Kingston.....	Kingston C. I.
Butler, Geo. A....	3	Deseronto.....	Deseronto H. S.
*Byrnes, J. D.....	1	Cumberland....	Almonte H. S.

Name.	Year of Atten- dance.	Summer Residence.	Where Educated.
Cameron, Jessie...	2	Almonte	Almonte H. S.
Cameron, John S..	4	Goderich	Picton H. S.
Campbell, Agnes L.	1	Rose Island. ...	Norwood H. S.
*Campbell, Colin D.	6	Dunvegan... ..	Renfrew H. S.
Campbell, Geo. D.	4	Renfrew.....	Renfrew H. S.
Cannon, J. D.....	1	Kingston	Kingston C. I.
Carmichael, H.....	4	Spencerville ...	Kemptville H. S.
Carmichael, R. F..	3	Strange	Parkdale C. I.
Carswell, Jennie H.	3	Renfrew	Renfrew H. S.
Caverhill, A. E....	1	St. Catharines...	St. Catharines H. S.
Chown, Alice A... 3	3	Kingston	Kingston C. I.
Chown, Susie.....	1	Lucan	Whitby Ladies College.
Clark, John K.....	4	Powassen	Orangeville H. S.
Clark, J. T. A.....	1	Lindsay.....	Lindsay C. I.
Clark, L. J.....	2	Walkerton.....	
Clark, R. J.....	4	Kingston	Kingston C. I.
Clark, Wm. T.....	4	Kingston	Kingston C. I.
Cleary, R. S	3	Montreal.....	Private.
Cloney, S. Louise..	2	St. Catharines...	St. Catharines C. I.
Collier, W. H	1	Napanee.....	Napanee H. S.
Conn, James R... 4	4	Ottawa.....	Ottawa C. I.
Connolly, H. A... 4	4	Cataraqui.....	Kingston C. I.
Conklin, J. D.....	2	Ottawa.....	Hamilton C. I.
Cooper, E. G.....	1	Lanark	Almonte H. S.
Cotton, H.....	1	Kingston	Kingston C. I.
Craig, John D.....	3	Kingston	Kingston C. I.
*Cram, W. H.....	3	Carleton Place..	Carleton Place H. S.
Croft, L. V.	1	Middleville	Almonte.
Croskery, R. A....	5	Perth	Perth C. I.
Crozier, J. A.....	2	Grand Valley...	Orangeville H. S.
Cryan, Georgianna.	1	Demorestville...	Kingston C. I.
*Currie, Edward C.	5	Kingston	Newmarket H. S.
Dalton, G. F.....	1	Kingston	Kingston C. I.
Dandeno, J. B....	3	Newburg.....	Guelph C. I.
Davis, John S.....	1	Madoc	St. Catharines C. I.
Dawson, Annie L..	2	Ompah	Trenton H. S.
Day, Alfred E.....	5	Kingston	Kingston C. I.
Dean, Marshall B..	6	Brighton.....	Albert Coll.
Denyes, James M..	4	Odessa	Kingston C. I.
Detlor, Wm. T ...	4	Napanee.....	Napanee H. S.
Dickson, Ethel A..	1	Kingston	Kingston C. I.
Dolan, John H....	2	Carleton Place..	Carleton Place H. S.
Dowsley, Wm. C..	1	Frankville	Athens H. S.
Durie, Corbet L... 1	1	Ottawa	Private Tuition.
*Edmison, G. A... 1	1	Rothsay.....	Owen Sound C. I.

Name.	Year of Atten- dance.	Summer Residence.	Where Educated.
Edmison, J. H. . . .	1	Peterboro.	Peterboro C. I.
Edwards, C. B. . . .	1	London	Woodstock C. I.
Edwards, C. H. . . .	3	Keene.	Norwood H. S.
Ewart, Wm. M. . . .	1	Smith's Falls . . .	Smith's Falls H. S.
Ewing, Wm. C. . . .	4	Westport	Hamilton C. I.
Farquharson, R. A. .	3	Kincardine.	Whitby C. I.
*Fee, Samuel McL. .	3	Camden East. . . .	Newburg H. S.
*Fee, Wm. M.	3	Morton.	Newburg H. S.
*Feir, Harry	4	Omeme	Omeme H. S.
Ferguson, C. A. . . .	2	Admaston.	Renfrew H. S.
Ferguson, W. A. . . .	2	Woodstock.	
Ferguson, T. J. S. . .	1	Blackstock	Port Perry H. S.
Firth, Wm. P.	2	Pickering.	
Flath, Emma.	1	Drayton.	Kingston C. I.
Fletcher, W. P. . . .	3	Newmarket.	Newmarket H. S.
Fortescue, C. L. G. .	3	Kingston	Private Tuition.
Fowlds, M. Theresa. .	3	Hastings	Campbellford H. S.
Fox, Charles B. . . .	5	Napanee.	Napanee H. S.
Fraleck, E. L.	3	Belleville.	Belleville H. S.
Fraser, Annie E. . . .	3	Kingston	Private Tuition.
Fraser, John A. . . .	1	L'Original	Hawkesbury H. S.
Fraser, Marion. . . .	1	L'Original	Hawkesbury H. S.
Fraser, Thurlow. . .	1	Orleans	Almonte H. S.
Fraser, Wm. A. . . .	1	Big Harbor, C.B. .	Sydney Academy.
*Frizell, J. R.	2	Munster	Carleton Place.
Furlong, T. H.	1	Simcoe	Collingwood C. I.
Gallup, E. C.	5	Ottawa	Ottawa C. I.
Galbraith, Robert. .	4	Guelph.	Galt C. I.
Gavin, F. P.	3	Galt.	Galt C. I.
Geddes, Robt. W. . . .	3	Deseronto	Deseronto H. S.
Gillies, John S. . . .	7	Braeside.	Carleton Place H. S.
Goodwill, T. W. . . .	1	Charlottetown, PEI.	Prince of Wales Coll.
Gordon, Annie E. . .	4	Ottawa	Private Tuition.
*Gordon, David L. . .	2	Stapledon.	Carleton Place H. S.
*Gordon, Wm. B. . . .	2	Kingsford	Napanee H. S.
Gowan, Thos.	1	Kingston	Goderich H. S.
Graham, P. E.	2	Campbellford. . . .	Campbellford H. S.
Grange, T. A.	4	Newburg	Newburg H. S.
*Grant, Andrew F. . .	5	Bridgeworth. . . .	Private Tuition.
*Grant, Hugh R. . . .	6	Rankin.	Ottawa C. I.
Grant, John P.	1	Pincher Creek. . .	
Gray, Henrietta A. . .	2	Kingston	Kingston C. I.
Griffith, Agnes J. . .	4	Brockville	Picton H. S.
Griffith, Edna B. . . .	4	Sydenham	Sydenham H. S.
Griffith, Milton A. .	1	Kingston	Winnipeg C. I.

Name.	Year of Atten- dance.	Summer Residence.	Where Educated.
Guess, Harry A...	5	Hartington.....	Sydenham H. S.
Guy, William.....	2	Camden East....	Newburg H. S.
*Hall, John R.....	4	Teeswater	St. Catharines C. I.
Hall, Walter A....	1	Teeswater	Walkerton H. S.
Hamilton, D. J....	4	Cataraqui	Kingston C. I.
*Hamilton, G.....		McLeod, B.C....	
Hamilton, John C.	4	Smith's Falls....	St. Catharines C. I.
Harvey, John F....	1	Sydenham.....	Sydenham H. S.
Harvey, Katherine.	4	Sydenham.....	Barrie H. S.
Henstridge, Eliz'h	1	Portsmouth.....	Kingston C. I.
*Herbison, Robert.	5	Sand Bay.....	Brockville C. I.
*Herbison, W. J....	5	Kingston	Brockville C. I.
Hermiston, G. M..	4	Warkworth.....	
Hiscock, R. C. . .	3	Kingston	Kingston C. I.
Horsey, Herb. H..	5	Ottawa	Ottawa C. I.
Huffman, A. F....	1	Gilead	Belleville H. S.
Hutton, Maud . .	2	Barriefield.....	Kingston C. I.
Ikehara, T. C.....	3	Kingston	Kingston C. I.
*Ingram, J. R.....	2	Lindsay.....	Lindsay C. I.
Instant, R. A.....	4	Emerald	Kingston C. I.
Ireland, Wm. W..	2	Sault Ste. Marie.	Collingwood C. I.
Irving, Robert M..	3	Riverside, Cal...	Riverside H. S.
Johns, C. P.....	3	Kingston	Kingston C. I.
Johnston, Geo. L..	4	Hamilton.....	Hamilton C. I.
Johnston, Margaret.	2	Kingston	Kingston C. I.
*Kannawin, W. M.	2	Shelborne.....	Orangeville H. S.
Kayler, Wm. B....	5	Morrisburg.....	Napanee H. S.
Keillor, James....	4	Ridgetown	Port Elgin H. S.
Kellock, W. McC..	5	New Rockland..	Kemptville H. S.
Kelly, James V....	3	Kingston	Kingston C. I.
King, Wm. W....	4	Kingston	Kingston C. I.
Kingston, E. A....	1	Picton....	Picton H. S.
Kirkpatrick, H. R.	4	Kingston	Kingston C. I.
Knapp, Albert E..	5	Elginburg.....	Sydenham H. S.
Laird, David H....	1	Sunbury.....	Kingston C. I.
Langford, T. E....	1	Camilla.....	Orangeville H. S.
Lavell, Walter H..	2	Kingston	Kingston C. I.
*Leckie, N. M....	2	Hamilton... ..	Hamilton C. I.
Lepper, Henry H..	1	Perth	Upper Canada Coll.
Lewis, Lafayette L.	1	Toronto	Toronto.
Lewis, Thos. N....	1	Smith's Falls....	Smith's Falls H. S.
Lochhead, Lydia A.	3	Kingston	Napanee H. S.
Lochhead, W. M..	3	Centreville.....	Napanee H. S.
Longmore, H. B....	2	Camden East....	Newburg H. S.
*Lowe, Geo. R....	5	Ottawa.....	Carleton Place H. S.

Name.	Year of Atten. dance.	Summer Residence.	Where Educated.
Mabee, Horace C..	2	Port Rowan.....	Port Rowan H. S.
Malone, Edith....	1	Kingston.....	Kingston C. I.
Marshall, J. W....	1	Chippawa.....	Stamford H. S.
Marshall, W. F....	1	Westbrook.....	Kingston C. I.
Massie, Agnes M..	5	Kingston..	Kingston C. I.
Matthews, S. W....	3	Peterboro.....	Peterboro H. S.
Maudson, Geo.....	1	Mitchell.....	Mitchell H. S.
Mandson, W. H....	2	Kingston.....	Mitchell H. S.
Meade, Robert....	2	Nassagaweya...	Guelph C. I.
Meiklejohn, A. J..	2	Big Springs. ...	Stirling H. S.
Menish, Janet I...	4	Brockville	Brockville C. I.
Menzies, Ralph D.	4	Glen Tay.....	Perth C. I.
Merrill, J. W.....	1	Ottawa.....	Ottawa C. I.
*Millar, James L..	6	Brighton.....	Trenton H. S.
Miller, James D...	4	New West'nster,B.C.	
Milliken, John B..	3	Crathie.....	Strathroy H. S.
Mills, Martha C...	3	Lindsay.....	Lindsay C. I.
Mills, Rhoda	1	Kingston.....	Kingston C. I.
*Moodie, Robt. T.	2	Perth.....	Perth C. I.
Moors, H. F.....	5	Kingston.....	Kingston C. I.
Mowat, J. McD ...	6	Kingston.....	Kingston C. I.
Mudie, Ethel.....	1	Kingston.....	Kingston C. I.
Munro, John.....	3	Maxville.....	Ottawa C. I.
Munro, Maud E...	2	Perth	Perth C. I.
Munro, Peter.....	1	Lancaster.....	Williamstown H. S.
Munro, Wm. B....	3	Almonte.....	Almonte H. S.
Murray, May L....	2	Kingston.....	Kingston C. I.
Murray, Eliz. C...	3	Kingston.....	Kingston C. I.
McArthur, J. H...	3	Almonte	Almonte H. S.
McColl, J. A.....	6	Campbellford...	Campbellford H. S.
McCreary, R. N....	4	Carleton Place...	St. Catharines H. S.
McDougall, C. A...	4	St. Thomas.....	St. Thomas C. I.
*McDougall, J. B..	3	Blakeney.....	Deseronto H. S.
McEwen, J. S.....	3	Ashton	Carleton Place H. S.
McGibbon, A. A...	2	Hawkesbury....	Hawkesbury H. S.
McGillivray, A. H.	1	Port Elgin.....	
McIlmoyle, E. ...	1	Selwyn.....	Norwood H. S.
*McIlroy, Wm. A..	2	Kingston.....	Kingston C. I.
McInnes, C. R....	4	Vankleek Hill...	Vankleek Hill H. S.
McInnes, J. A.....	4	Vankleek Hill...	Vankleek Hill H. S.
McIntosh, Alex....	4	Alexandria.....	Alexandria H. S.
McIntosh, A. A...	1	Embro	Strathroy H. S.
McIntosh, G. H...	2	Vancouver, B.C.	Reno H. S. (Nevada).
McJanet, John....	3	Ottawa.....	Ottawa C. I.
McKechnie, W. D.	1	Mattawa.....	London C. I.

Name.	Year of Atten- dance.	Summer Residence.	Where Educated.
*McKenzie, Alex...	3	Godfrey.	Kincardine H. S.
*McKenzie, D. A...	3	Centreton.....	Cobourg H. S.
McKenty, D. F...	1	Kingston.....	Kingston C. I.
McKinley, Mary M,	3	Perth	Perth C. I.
*McKinnon, H. L.	2	Lake Ainslie, C.B.	Sydney Academy.
*McKinnon, M. A.	2	Lake Ainslie, C.B.	Sydney Academy.
McLaren, W. W...	1	Renfrew..	Renfrew H. S.
McLean, Arch. K.	1	Berwick.....	Private Tuition.
McLean, Kath. G.	3	Arnprior..	Arnprior H. S.
McLennan, Alex...	2	Lancaster.....	Williamstown H. S.
McLennan, John...	4	Port Hope.....	Lindsay C. I.
McLennan, J. D...	1	Port Hope.....	Port Hope H. S.
McMillan, Arch...	1	Sonya	Port Perry H. S.
*McNeill, A. J...	3	Orangedale	Sydney Academy.
McPherson, Hattie	2	Prescott	Prescott H. S.
McRae, J. F.....	2	Glen Robertson..	Alexandria H. S.
McVicar, John....	4	Harrietsville	Aylmer (West).
Neilson, Bertha...	5	Wilton.....	Napanee H. S.
Neish, Arthur C...	1	Kingston.....	Kingston C. I.
Neville, K. P. R...	2	Newburg	Napanee H. S.
Newman, G. E....	4	Dutton	Strathroy H. S.
Nimmo, H. M.....	1	Brockville	Brockville C. I.
North, Edwin.....		Young's Point...	Private.
*Nugent, Alex...	2	Lindsay.....	Lindsay C. I.
Odell, Nettie.....	5	Belmont.....	Aylmer C. I.
Orser, T. H.....	1	Glenvale	Kingston C. I.
Park, Robert.....	1	Goderich.....	Private Tuition.
Parker James.....	1	Stirling	Stirling H. S.
Parker, Mabel....	4	Stirling.....	Stirling H. S.
Patterson, A. O...	2	Carleton Place...	Carleton Place H. S.
Pilkey, P. J.....	4	Kingston.....	Hamilton C. I.
*Pitts, Frank E...	4	Woodlands	Albert College.
Playfair, Fred...	3	Playfair	Almonte H. S.
Polson, Susie C...	3	Kingston..	Kingston Pub. Sch.
Pope, Egerton L...	4	Belleville	Belleville H. S.
Porter, Sidney E...	4	Janetville.....	Lindsay C. I.
Porter, Wm. C....	1	Portsmouth	Kingston C. I.
Powell, G. A.....	1	Mono Road	
Power, J. F.....	2	Guelph.....	Guelph C. I.
Prendergast, A....	1	Montreal.....	Richmond, Que.
*Prittie, Wm. T...	2	Kingston.....	Kingston C. I.
Purdy, Victor M...	6	Cannington.....	Sydenham H. S.
Raney, W. H....	4	Island Brook, Que.	St. Catharines H. S.
*Rannie, Alex.....	5	Menie.....	Campbellford H. S.
Rayside, Edith....	5	South Lancaster.	Williamstown H. S.

Name.	Year of Atten- dance.	Summer Residence.	Where Educated.
Rayside, J. S.	5	South Lancaster.	Williamstown H. S.
Redmond, R. C. . . .	5	Lansdowne.	Brockville H. S.
Reid, G. McM.	1	Kingston.	Kingston C. I.
Reid, Marvin R. . . .	1	Fellows.	Napanee C. I.
Reynolds, Annie F. .	1	Gananoque.	Whitby Ladies Coll.
Reynolds, Mary E. .	1	Gananoque. . . .	Whitby Ladies Coll.
Rigney, T. J.	4	Kingston.	Ottawa Coll.
Robertson, A. M. . .	3	Newburg.	Goderich H. S.
Rogers, Wm. C. . . .	1	Linden Valley. . .	Picton H. S.
*Rollins, James. . .	6	Cooper.	Campbellford H. S.
*Rose, Geo. W. . . .	5	Warsaw.	Norwood H. S.
Row, Robert K. . . .	6	Kingston.	St. Catharines C. I.
Rowlands, E. J. . . .	2	Walkerton.	Private.
Russell, Margaret. .	2	Arnprior.	Arnprior H. S.
Ruttan, Emily E. . .	1	Kingston.	Kingston C. I.
Ryerson, S. E.	4	Orillia.	Orillia H. S.
Saunders, W. R. . . .	1	Vareney.	Port Dover H. S.
Scott, Albert.	1	Glenmorris.	Galt C. I.
Seaton, E. T.	5	Port Dover.	Private.
Sharman, Geo.	3	Athens.	Private Tuition.
Shaw, Abram.	2	Kingston.	Kingston C. I.
Shirreff, R. M.	2	Fitzroy Harbor. .	Brockville C. I.
Sills, William R. . .	4	Napanee.	Napanee & Hamilton
Sinclair, H. H. . . .	1	Carleton Place. .	Carleton Place H. S.
Smith, C. E.	2	Fairfield East. . .	Brockville H. S.
Smith, John C.	1	Kingston.	Kingston C. I.
Smith, Violet B. . .	5	Kingston.	Kingston C. I.
Smythe, G. H.	3	Kingston.	Kingston C. I.
Snell, Geo. W.	1	Arundel, Que. . . .	Private Tuition.
Snyder, H. Adell. . .	4	Port Elmsley. . . .	Perth C. I.
Spence, John C. . . .	1	Ottawa.	Lindsay & Collingwood
Spooner, A. C.	2	Latimer.	Kingston C. I.
Staples, Louis E. . .	5	Kingston.	Athens H. S.
Steers, Mary C. . . .	2	Kingston.	Kingston C. I.
Stewart, Ernest J. .	3	Renfrew.	Renfrew H. S.
Stewart, Flora B. . .	2	Harrowsmith. . . .	Sydenham H. S.
Stewart, Robert. . .	2	Williamstown. . . .	
Stothers, Robert. . .	3	Ottawa.	Private Tuition.
Supple, Joseph A. . .	3	Pembroke.	Pemb'ke and Arnprior.
Sutherland, J. C. . .	1	Richmond, Que. . .	Galt C. I.
Sutherland, Marg't, .	5	Amherst, N. S. . . .	Kingston C. I.
Swete, Florence E. .	2	Montreal.	Prin. Hel. Coll. Lon. Eng.
Thompson, M. J. . . .	6	Almonte.	Almonte H. S.
Thompson, P. McK. .	1	Allan's Mills. . . .	Perth C. I.
*Thompson, T. J. . .	8	Kingston.	Jordan Academy, N. Y.

Name.	Year of Atten- dance.	Summer Residence.	Where Educated.
Thorne, James....	1	Ottawa	Private Tuition.
Townsend, T. E....		Wilmur.....	Sydenham H. S.
Truell, Newton T.	1	Lachute, Que....	Richmond, Que.
*Turnbull, J. H....	3	Orangeville	Orangeville H. S.
Twohy, Henriette E.	1	Hamilton.....	Hamilton C. I.
Tyner, Wm. G....	1	Kingston.....	Kingston C. I.
Vanwinckel, W.H.	1	Kingston.....	Kingston C. I.
*Volume, D. A....	4	Kingston.....	Kingston C. I.
*Walker, Andrew.	4	Caledon East....	Walkerton H. S.
Walker, C. W.....	1	Kingston.....	Napanee C. I.
Wallace, James...	1	Renfrew.....	Renfrew H. S.
Watson, E. C.....	4	Kingston.....	Kingston C. I.
Watson, Jas. S....	4	Wellman's Cor..	Campbellford H. S.
Watson, W. F.....	3	Verona	Lennoxville.
Weatherhead, G.F.	3	Brockville	Brockville C. I.
Webster, B. E....	5	Kingston.....	Kingston C. I.
Wherry, Alex.....	2	Windsor.....	Athens H. S.
White, Lizzie R...	7	Kingston.....	Kingston C. I.
Whyte, Wm. M....	2	Pakenham... ..	Almonte H. S.
Williamson, A.R.B.	4	Kingston.....	Kingston C. I.
Williamson, E. J..	1	Kingston.. ..	Kingston C. I.
Wilmer, Geo. H....	1	Rockspring	Athens H. S.
*Wilson, Matth. H.	5	Calabogie	Renfrew H. S.
*Wilson, Thos. R..	2	Marathon.....	Almonte H. S.
Wilson, W. A.....	4	Newburg	Peterboro C. I.
Windel, H. C.....	5	Pontypool.....	Lindsay C. I.
Witherill, E.....	4	Westport.....	
*Woods, Stuart A.	3	Bath.....	Kemptville H. S.
Yates, Bessie D...	2	Kingston.....	Bishop Strachan's Sch.
Young, Alex	4	Hazledean.....	Almonte H. S.
Young, Jas. A....	1	London	London C. I.
Young, Ward.....	4	Kingston.....	Kingston C. I.
Youngson, Mary A.	1	Kingston.....	Kingston C. I.

GENERAL STUDENTS.

Name.	Year of Atten- dance.	Summer Residence.	Where Educated.
*Abrey, James....	2	Kingston.....	Kemptville H. S.
*Alexander, W. A.	2	Bishop's Mills...	Kemptville H. S.
Back, Wm. G.....	5	Ottawa	Ottawa C. I.
Baker, Henry S...	2	Kingston	Kingston C. I.
Cannon, J. D.....	1	Kingston	Kingston C. I.
Cartwright, F. L..	2	Kingston	Bishop Ridley Coll.
Cartwright, C . .	1	Kingston	Kingston C. I.
Collinson, John C.	1	Kingston	Athens H. S.
Cooke, Florence...	2	Kingston	Private Tuition.
Currie, Arch. M...	3	Lavant.....	Collingwood H. S.
Day, Henry E.....	1	Kingston	Kingston C. I.
Donnelly, J.....	1	Kingston	
Donovan, Gert. A.	1	Kingston.....	Sydenham H. S.
English, John W..	2		Iroquois H. S.
Fowler, Cath'ne G.	2	Kingston	Kingston C. I.
Fraser, Winnie M.	1	Kingston.....	Kingston Ladies Coll.
Gage, James E....	2	Riverside, Cal...	Riverside, Cal.
Gibson, Jennie C..	1	Kingston.....	Kingston C. I.
Gillis, Samuel B...	1	Whitewood, Assa	Whitewood Pub. Sch.
Graham, R. S.....	1	Elginburg.....	Elginburg.
Grange, W. A.....	1	Napanee... ..	Napanee C. I.
Graves, Fred. M..	1	Kingston.....	Kingston C. I.
Gray, John McC..	2	Kingston.....	Kingston C. I.
Harris, D. C.....	2	Kingston.....	Private,
Harris, Mary A. C.	2	Kingston.....	Private.
Kirkpatrick, L. A.	1	Kingston.....	Kingston Ladies Coll.
Langford, T. S....	1	Camilla.....	Orangeville H. S.
Lindsay, Ethel M..	2	Kingston.....	Kingston C. I.
Lochead, H. S.....	2	Centreville.....	Napanee H. S.
Milne, M. R.	1	Kingston.....	Kingston C. I.
Mudie, Emma J...	1	Kingston.....	Kingston C. I.
*Musclow, Henry..	1	Maynooth....	Private.
McDowall, Ethel..	3	Kingston.....	Kingston C. I.
*McIntyre, A. D..	4	Newington	Cornwall H. S.
McIntyre, W. C...	1	Newington	Cornwall H. S.
McLeod, Janey A.	1	Kingston.....	Kingston C. I.
—McPherson, E. J..	1	Kingston.....	Kingston Ladies Coll.
McRae, Duncan...	1	Glen Robertson.	Alexandria H. S.
McRae, Fraser A..	1	Big Baddeck, C. B.	Baddeck Academy.
Newman, H. W...	1	Kingston.....	Private Tuition.
Nissen, P. N.....	1		
O'Donnell, E. J...	2	Kingston.....	Kingston C. I.

Name.	Year of Atten- dance.	Summer Residence.	Where Educated.
Paul, Henry E....	1	Newburg	Newburg H. S.
Porteous, Carlyle..	1	Kingston.....	Kingston C. I.
Potter, John S....	1	Kingston.....	Halifax H. S.
Reekie, Isabella...	1	Montreal	Private Tuition.
Reynolds, R. F....	1	Easton's Corners.	Sydenham H. S.
Saunders, Lois....	1	Kingston.....	
Scott, John M....	2	Brockville	Brockville C. I.
Smart, V. I.....	2	Toronto	San Bernardino, Cal.
Spotswood, McL.G. *	1	Kingston.....	Kingston Pub. Schools.
Swales, Olive C...	2	Kingston	Kingston C. I.
*Taylor, Edward..	3	Baddeck, C.B...	Baddeck Academy.
Throop, Milton R..	3	Prescott	Prescott H. S.
Warner, J. A.....	1	Whitewood	Whitew'd & Winnipeg.
White, C. A.....	1	Kingston	Kingston C. I.
White, Mary H....	2	Stratford.....	St. Mary's C. I.
Williamson, E. J..	1	Kingston	Kingston C. I.

POST-GRADUATE STUDENTS (in Arts).

Name.	Residence.
Brown, James C., B.A.....	Williamstown.
Bryan, A. C., B.A., B.D.....	Kingston.
Dyde, Geo. E. B.A.....	Kingston.
Easton, Wm. H., M.A.	Cataraqui.
Ferguson, G. A., B.A.....	Kingston.
Fitzpatrick, Alfred, B.A.....	Kilburn, N.B.
Fleming, David, B.A.....	Harrowsmith.
Ford, Alex. B., M.A.....	Kingston.
Fraser, James R., M.A.....	Lorne, N.S.
Gandier, D. McG., B.A.....	Conqueral Bank, N.S.
Hunter, Robt. F., B.A.....	Ashcroft, B.C.
Hutcheon, Robt. J., M.A.....	Cape Vincent, N.Y.
Ilett, Ambrose E., B.A.....	Kingston.
Laird, Robt., M.A.....	Sunbury.
Lang, Geo. R., B.A.....	Wolfe Island.
Mitchell, S. A., M.A.....	Kingston.
Mitchell, J. W., B.A.....	Lansdowne.
Moffatt, Wm., M.A.	Carleton Place.
Moore, J. R., B.A.....	Brockville.
Patterson, W. J., B.A.....	
Peck, Wm. W., M.A.....	Kingston.
Purdy, Victor M., B.A.....	Cannington.
Rogers, J. C., B.A.....	Picton.
Scott, Thos. S., B.A.....	Glenmorris.
Stewart, Jas. D., B.A.....	Douglas.

IN THEOLOGY.

Name.	Year.	Residence.
Back, William G.....	1	Ottawa.
Bennett, J. W. C.....	1	Almonte.
Best, David W.....	1	Toronto.
Bryan, A. C., B.A.....	3	Kingston.
Currie, Edward C.....	2	Kingston.
Dyde, Geo. E., B.A.....	1	Kingston.
Easton, William H., M.A.....	3	Cataragui.
Fleming, David, B.A.....	Graduate.	Harrowsmith.
Fraser, James R., M.A.....	2	Lorne, N.S.
Gallup, Eleazar C.....	2	Ottawa.
Gandier, Daniel McG., B.A.....	1	Conqueral Bank, N.S.
Grant, Hugh R.....	2	Sharbot Lake.
Herbison, Wm. J., B.A.....	1	Kingston.
Hunter, Hugh A., B.A.....	1	Smith's Falls.
Hunter, Robert F., B.A.....	2	Ashcroft, B.C.
Hutcheon, Robert J., M.A.....	2	Cape Vincent, N.Y.
Laird, Robert, M.A.....	3	Sunbury.
Leitch, James A., B.A.....	3	Renfrew.
Miller, James L.....	1	Marmora.
McDonald, Kenneth J., B.A.....	2	Big Harbour, N.S.
McIntosh, James W., B.A.....	1	Oakwood.
McKinnon, Alex. D., B.A.....	1	Lake Ainslie, C.B.
McKinnon, John, B.A.....	1	Strathlorne, C.B.
McMullen, A. J., B.A.....	2	Cowal.
Peck, Wm. W., M.A., LL.B.....	3	Kingston.
Pitts, Frank E.....	1	Woodlands.
Rannie, Alex.....	1	Menie.
Rose, George W.....	1	Warsaw.
Stewart, James D., M.A.....	2	Douglas.
Turnbull, James H.....	1	Orangeville.
Taylor, Edward.....	1	Baddeck, C.B.
Wilson, Matthew H., B.A.....	1	Calabogie.
Young, Colin G., B.A.....	2	Carlow.

IN MEDICINE.

Name.	Year of Atten- dance.	Residence.
Abbot, Geo. A.....	4	Wolfe Island.
Ames, A. J.....	4	Codrington.
Anderson, N. W.....	2	Kingston.
Armstrong, C. C.....	1	Kingston.
Bannister, P. G.....	2	Kingston, Jamaica.
Barber, V.....	1	Toronto.
Bell, Philip M.....	1	Westbrook.
Bellamy, A. W.....	2	N. Augusta.
Berry, Geo. H.....	4	Seeley's Bay.
Black, Wm., B.A.....	4	Elora.
Boyle, Joseph, B.A.....	2	Kingston.
Burger, C. H.....	1	Kingston, Jamaica.
Bute, J. H.....	1	Houston, Texas.
Butler, T. J.....	5	Deseronto.
Campbell, P. McG., B.A.....	3	Admaston.
Carey, M. D.....	2	Kingston.
Carscallen, W. E.....	3	Tamworth.
Collinson, G. W.....	2	Brinstone's Cors.
Condell, W. L.....	1	Ventnor.
Cooper, E. G.....	1	Lanark.
Corrigan, D. J.....	1	Kingston.
Craft, R. A.....	4	Chisholm.
Cranston, J. G.....	4	Arnprior.
Croskery, E. A.....	2	Perth.
Davis, N.....	1	Fallowfield.
Douglas, Henry E. M.....	2	Kingston.
Downing, J. J., B.A.....	3	Kingston.
Doyle, J. D.....	1	Belleville.
Drennan, Jennie C.....	4	Kingston.
Drummond, S. J.....	2	Almonte.
Dyde, C. B., B.A.....	2	Kingston.
Edmison, J. H.....	1	Rothsay.
Edwards, J. W.....	2	Inverary.
Elliott, H. H.....	1	Frankville.
Embury, A. T.....	3	Belleville.
Fadden, W. S.....	1	Brockville.
Farrell, T. H., M.A.....	4	Kingston.
Ferguson, E. W.....	3	Kingston.
Fleming, Hugh.....	4	Ottawa.
Ford, Alex. B., M.A.....	3	Kingston.
Gage, J. E.....	1	Riverside, Cal.

Name.	Year of Atten- dance.	Residence.
Geddes, W. J.....	1	Deseronto.
Gibson, James C, M.A.,.....	3	Kingston.
Gillespie, H.....	3	Kingston.
Gould, S., B.A.....	2	London.
Grange, T. A.....	1	Newburg.
Greer, R. F.....	2	Baillieboro.
Hager, F. C.....	4	Athens.
Hanley, Robt.....	1	Kingston.
Harty, J. J.....	2	Kingston.
Henderson, N.....	4	Kingston.
Hills, W. H.....	1	Acadia Mines.
Hoag, Frank.....	1	Kingston.
Hudson, C. H.....	3	Belleville.
Hett, A. E., B.A.....	1	Kingston.
Irvine, W. H.....	3	Kingston.
Irwin, A. W.....	3	Kingston.
Jaquith, W. A.....	1	Sydenham.
Jones, A. W.....	4	Watertown N. Y.
Kelly, T. J.....	2	Kingston.
Kilborn, H. F.....	1	Oso Station.
Knight, A. S.....	2	Cataraqui.
Knight, L. A.....	3	Cataraqui.
Kyle, R. J. L.....	4	Morewood.
Letellier A.....	2	Peterboro.
Lofthouse, W. O. R.....	4	Kingston.
Lyle, W. D.....	3	Morrisburg.
Malone, H. V., B.A.....	1	Garden Island.
Marselis, E. H.....	4	Bouck's Hill.
Merriman, W. H.....	4	Latimer.
Metcalfe, A. A.....	3	Almonte.
Metcalfe, H. H.....	2	Picton.
Moffatt, Wm., M.A.....	1	Carleton Place.
Mooney, T. F.....	3	Kingston.
Morrison, C. A.....	1	Kingston.
Murray, H. G.....	3	Kingston.
Mylks, G. W.....	2	Glenmore.
McArthur, J. H.....	2	Ottawa.
McBroom, Jas. H.....	4	Washburn.
McCambridge, C. J.....	1	Kingston.
McCarthy, W. A.....	2	Stopledon.
McConville, A. P.....	1	Kingston.
McDermott, M. F.....	4	Kingston.
McDonald, H. S., B.A.....	4	Kingston.
McDonald, J. F.....	3	Kingston.
McEwan, A.D.....	4	Iroquois.

Name.	Year of Atten- dance.	Residence.
McFarlane, N. S.....	1	Kingston.
McGregor, J. G.....	5	Martintown.
McKenty, D. F.....	1	Kingston.
McKeown, H. A.....	4	Belleville.
McLaren, A. F.....	3	Lancaster.
McLennan, D. R.....	3	Williamstown.
McManus, J. P. C.....	3	Bath.
McPherson, C. F. S.....	3	Prescott.
Neish, D. B.	2	Kingston, Jamaica.
Neish, James.....	4	Kingston, Jamaica.
O'Connor, C. E.....	1	Kingston.
O'Connor, W. J.....	1	Kingston.
O'Hara, J. J.	1	Camden East.
Pattillo, R. S.....		Winnipeg.
Paul, J. H.....	1	Newburg.
Purvis, J. W. F.....	4	Lyn.
Redmond, R. C.....	1	Lansdowne.
Robinson, A....	4	Kingston.
Ross, A. E., B.A.....	2	Kingston.
Scott, C. S.....	1	Southampton.
Scott, W. B.....	1	Port Hope.
Spear, Robt.....	2	Cobourg.
Stewart, G. G.....	4	Elmside, Que.
Sullivan, P. H.....	2	Kingston.
Teepell, E. W.....	3	Watertown, N. Y.
Thibodo, F. H.....	4	Prairie City, Oregon.
Tillman, H. A.....	4	Kingston, Jamaica.
Tinkess, A. L.....	2	Greenbush.
Tripp, J. H.....	1	Fitzroy Harbour.
Waldron, H. M.....	1	Guelph.
Walker, H.....	3	Belleville.
Walsh, F. M.....	3	Kingston.
Webster, B. E.....	3	Kingston.
Wegner, W. G.....	1	South Bend, Ind.
Whitaker, W. R.....	4	North Williamsburg.
Woodruff, G. A.....	3	Sydenham.

MEDALS, PRIZES AND SCHOLARSHIPS

FOR 1894-95.

UNIVERSITY MEDALS AND PRIZES.

<i>Latin</i>	Windel, H. C., Pontypool.
<i>Greek</i>	Watson, E. C., Kingston.
<i>Moderns</i>	Connolly, H. A., Cataraqui.
<i>English</i>	Fraser, Annie G., Kingston.
<i>History</i>	Munro, W.B., Almonte.
<i>Philosophy</i>	Patterson, W. J., Carleton Place.
<i>Political Science</i>	McColl, J. A., Campbellford.
<i>Mathematics</i>	Sills, W. A., Napanee.
<i>Chemistry</i>	Guess, Harry A., Hartington.
<i>Biology</i>	Ewing, W. C., Westport.
<i>Mineralogy</i>	Brock, R. W., Toronto.
<i>Geology</i>	Staples, L. E., Kingston.
<i>University Medals in Medicine</i> ...	Whitteker, W. C., North Williamsburg, Farrell, T. H., M.A., Kingston.
<i>Gowan Prize in Botany</i>	Ford, A. B., Kingston.

SCHOLARSHIPS IN ARTS.

I. MATRICULATION SCHOLARSHIPS.

<i>Prince of Wales</i>	Laird, D. H., Kingston.
<i>Governor General, Mathematics,</i> <i>No. 1</i>	McLennan, J. D., Port Hope.
<i>Governor General, Mathematics,</i> <i>No. 2</i>	Fraser, T., Almonte.
<i>Chancellor, General Proficiency</i> ..	Cryan, Georgianna, Kingston.
<i>Schultz, Latin and Greek</i>	McLaren, W., Renfrew.
<i>Cataraqui, General Proficiency</i> ..	Mills, Rhoda, Kingston.
<i>Leitch Memorial, No. 1, English</i> <i>and Moderns</i>	Malone, Edith, Garden Island.
<i>Mayor, General Proficiency</i>	Dalton, G. F., Kingston.
<i>Mowat, Arithmetic</i>	Hunter, W. R., Smith's Falls.
<i>Watkins</i>	Smith, J. C., Kingston (with honour of Schultz).
<i>Forbes McHardy, General Pro-</i> <i>ficiency</i>	Poitras, H. D., Deseronto.
<i>Senate, No. 1, General Proficiency</i> .	Cooper, E. G., Almonte.
“ “ 2, “ “	Walker, W., Napanee.
“ “ 3, “ “	Lewis, T., Smith's Falls.

SCHOLARSHIPS IN THEOLOGY.**I. MATRICULATION SCHOLARSHIPS.**

<i>Dow Scholarship</i>	Gandier, D. McG., B.A., Belle-ville.....
<i>Dominion</i>	Dyde, G. E., B.A., Kingston.
<i>Buchan No. 1</i>	Turnbull, J. H., Orangeville.
“ “ 2.....	Wilson, M. H., Renfrew.
“ “ 3.....	Rose, G. W., Warsaw.
<i>McIntyre</i>	McKinnon, J., B.A., Strathlorne, Pitts, F. E., Woodlands.

2. SESSIONAL SCHOLARSHIPS.

<i>Sarah McClelland Waddell Memorial</i>	Gandier, D. McG., B.A., Belle-ville.
<i>Leitch Memorial No. 2, tenable for three years</i>	Bryan, A. C., B.A., Kingston.
<i>Spence, tenable for two years</i>	Fraser, J. R., M.A., Lorne, N.S.
<i>Anderson, No. 1, 1st year Divinity</i>	Dyde, G. E., B.A., Kingston.
<i>Anderson, No. 2, 2nd year Divinity</i>	McMullen, A. J., B.A., Cowal.
<i>Anderson, No. 3, 3rd year Divinity</i>	Laird, R., M.A., Sunbury.
<i>Toronto, 2nd year Hebrew</i>	Hutcheon, R. J., M.A., Burnbrae.
<i>Glass Memorial, Church History</i> .	Peck, W. W., M.A., Toronto...
<i>St. Andrew's Church, Toronto,</i> <i>O. and N. T. Exegesis</i>	MacDonald, K. J., Big Harbour, N.S.
<i>Rankine, Apologetics</i>	Stewart, J. D., M.A., Douglas.
<i>James Anderson, Bursary, Gaelic preaching</i>	McKinnon, J., B.A., Strathlorne.
<i>The Mackie Prize in books, for examination in Driver's O. T. Introduction</i>	Hutcheon, R. J., M.A., Burnbrae.

HOSPITAL APPOINTMENTS.

Gibson, J. C., M.A.....	Kingston.
Murray, H. G.....	Kingston.
Tepell, E. W.....	Watertown, N. Y.
Metcalf, A. A.....	Almonte.

TESTAMURS IN THEOLOGY.

Laird, R., M.A.....	Sunbury.
Bryan, A. C. B.A.....	Kingston.
Leitch, J. A., B.A....	Renfrew.

LIST OF GRADUATES FOR 1894-95.**MASTER OF ARTS (M.A.)**

Allen, Maggie D.....	Kingston.
Baker, William C.....	Kingston.
Brock, Reginald W.....	Toronto.
Clark, Richard J.....	Kingston.
Connolly, H. A.....	Cataraqui.
Ewing, Wm. C.....	Westport.
Fox, Charles B.....	Napanee.
Fraser, James R.....	Lorne, N.S.
Guess, Harry A.....	Hartington.
King, William W.....	Kingston.
McColl, James A.....	Campbellford.
McCreary, R. N.....	Carleton Place.
Patterson, W. J.....	Carleton Place.
Ryerson, S. E.....	Orillia.
Sills, William R.....	Napanee.
Staples, Louis E.....	Kingston.
Watson, Edward C.....	Kingston.

BACHELORS OF ARTS (B.A.)

Anglin, Frank R.....	Kingston.
Begg, Colin L.....	Orillia.
Campbell, Geo. D.....	Renfrew.
Clark, John K.....	Powassen.
Clark, Wm. T.....	Kingston.
Day, Alfred E.....	Kingston.
Dean, Marshall B.....	Brighton.
Denyes, James M.....	Odessa.
Feir, Harry.....	Omeme.
Grange, Thos. A.....	Newburg.
Hamilton, D. J.....	Cataraqui.
Herbison, Wm. J.....	Kingston.
Hermiston, Geo. M.....	Warkworth.
Horsey, Herbert H.....	Ottawa.
Instant, Reginald A.....	Emerald.
Kirkpatrick, Herbert R.....	Kingston.
Knapp, Albert E.....	Elginburg.
Lowe, George R.....	Ottawa.
Massie, Agnes M.....	Kingston.
Menish, Janet D.....	Brockville.
Menzies, Robert D.....	Glen Tay.
Mooers, Harry F.....	Kingston.
McArthur, John H.....	Almonte.
McDougall, C. A.....	St. Thomas.
McInnes, John A.....	Vankleek Hill
Odell, Nettie.....	Belmont.
Parker, Mabel.....	Stirling.

Pilkey, Peter J.....	Kingston.
Pope, Egerton L.....	Belleville.
Raney, William H.....	Island Brook, Que.
Redmond, R. C.....	Landsdowne.
Rigney, Timothy J.....	Kingston.
Rollins, James.....	Cooper.
Watson, Jas. S.....	Wellman's Cors.
Webster, Benj. E.....	Kingston.
White, Lizzie R....	Kingston.
Williamson, A. R. B.....	Kingston.
Wilson, Matthew H.....	Calabogie.
Young, Alexander.....	Hazeldean.

DOCTORS OF MEDICINE (M.D.) AND MASTERS OF SURGERY (C.M.)

Abbott, Geo. A.....	Kingston.
Ames, James A.....	Codrington.
Berry, Geo. H.....	Seeley's Bay.
Butler, Tobias J.....	Deseronto.
Craft, R. A.....	Chisholm.
Cranston, J. G.....	Arnprior.
Drennan, Jennie.....	Kingston.
Farrell, T. H., M.A.....	Kingston.
Fleming, Hugh P.....	Ottawa.
Hagar, F. C.....	Gananoque.
Henderson, N. H.....	Kingston.
Kyle, R. J. L.....	Morewood.
Lofthouse, W. O. R.....	Kingston, Jamaica.
Marselis, E. H.....	Bouck's Hill.
Merriman, W. H.....	Latimer.
McBroom, Jas. A.....	Washburn.
McDonald, H. S., B.A.....	Kingston.
McEwen, Alex.....	Hulbert.
McKeown, H. A.....	Belleville.
Stewart, Geo. A.....	Elmside, Que.
Tillman, H. A.....	Kingston, Jamaica.
Whitteker, W. C.....	N. Williamsburg.

BACHELORS OF LAWS (LL.B.)

O'Rourke, Thos. A., B.A.....	Trenton.
Hugo, Frank M., M.A.....	Kingston.
McCaig, James, B.A.....	Prescott.

BACHELOR OF DIVINITY (B.D.)

Bryan, Andrew C., B.A.....	Kingston.
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DOCTORS OF LAWS (LL.D.)

Way, Hon. C. J. Samuel James.....	Adelaide, S. Australia
Theal, George McColl.....	Capetown, Africa.
Hoffman, George Christian.....	Ottawa.
Rogers, Robert Vashon, B.A., Q.C.....	Kingston.

PASS LISTS.**Arts.**

I. SUPPLEMENTARY EXAMINATIONS, SEPTEMBER, 1894.

Junior Latin.

Reynolds, A. F.
Swete, F. E.
McGibbon, A.
Bell, J. W.
Bain, W. J.

Ewing, W. C.
Kirkconnell, T. A.
Munro, M. E.
Menzies, R. D.

Senior Latin.

Frizzell, J. R.
Fletcher, W. P.
White, L. R.
Mowat, J. M.

Cleary, R. S.
Watson, W. F.
Johnston, M.

Junior Greek.

McGibbon, A. A.
Mathews, S. W.
Staples, L. E.
Lapsley, N.

Ingram, J. R.
Glover, T. J.
Instant, F. P.
Allen, M. D.

Senior Greek.

Watson, W.

Junior French.

Swete, F. E.
Dandeno, J. B.
Reynolds, M. E.

Bell, J. W.
McKinley, M. M.
Johnson, M.

Junior German.

Boyd, A. A.
Swete, F. E.

Dandeno, J. B.

Senior French.

Longmore, B.
Graham, P. E.
Rigney, T. J.

Griffith, E.
Hiscock, R. C.

Senior German.

Munro, M.

Junior Political Science.

Butler, G. A.

Senior Political Science.

Edwards, C. H.
Irvin, W,

Purdy, V. M.

Junior English.

Swete, F. E.
Frizell, J. R.
McGibbon, A. A.

Gray, E. A.
Johnston, M.

Senior English.

Hiscock, R. C.
Rigney, T. J.
Throop, M. R.
Irwin, W. E. M.

Matthews, S. W.
Watson, W. F.
Young, A.

Junior History.

Graham, P. E.
Fraser, A. E.

McInnes, J.
Yates, B. D.

Senior History.

Clark, W. T.
Lindsay, E.
Neilson, B.

Throop, M. R.
Watson, W. F.

Junior Philosophy.

Brock, R. W.
Carswell, J.
Clark, W. T.
Craig, J. D.
Galbraith, R.

Hiscock, R. C.
Malcolm, G.
McKenzie, D. A.
Rigney, T. J.

Senior Philosophy.

Smith, A.
Townsend, T. E.
McArthur, J. H.
Mooers, H. F.

Cleary, R. S.
Rayside, E.
Marty, S. E.
Mackenzie, A.

Junior Mathematics.

McGibbon, A. A.
Baker, W. R.
Swete, F. E.

Lindsay, E.
Windel, H. C.

Senior Mathematics.

Galbraith, R.
Redmond, R. C.
Ewing, W. E.
Irving, W. G.
Edwards, C. H.
Rollins, J.

Instant, R.
Hamilton, D. J.
Munro, J.
McKenzie, D. A.
Brock, R. W.

Junior Physics.

McArthur, J. H.
 Brock, R. W.
 Irving, W. G.
 Attwood, A. E.
 Edwards, C. H.

Baker, W. R.
 Baker, J. Y.
 Rigney, T. J.
 McKenzie, A.

Senior Physics.

Grange, W. A.
 Dyde, C. B.
 Grange, T. A.
 Irving, W. G.

Edwards, C. H.
 McArthur, J. H.
 Kirkpatrick, H. R.

Junior Chemistry.

Fowlds, T.
 Parker, M.
 Downing, J., B.A.

Ilett, A. E., B.A.
 McKenzie, A.

Senior Chemistry.

Irving, W.
 Galbraith, R.

Downing, J., B.A.
 Ross, A. E., B.A.

Junior Zoology.

Attwood, A. E.

Junior Botany.

Ross, A. E., B.A.
 Gage, J. E.

Ilett, A. E., B.A.
 Downing, J., B.A.

Senior Natural Science (Geology).

Dean, M. B.

II. SESSIONAL EXAMINATIONS, APRIL, 1895.

Junior Latin.

Div. I.

Dowsley, W.
 Munro, P.
 Marshall, J. W.
 Malone, E. A.
 Dolan, J. H.
 Furlong, T. H.
 Snyder, Odell.
 Cryan, G.
 Thorne, J.

Ferguson, J. S.
 Merrill, J. W.
 McMillan, A.
 Parker, J.
 Fraser, M.
 Walker, C. W.
 Lewis, N. T.
 Wilmur, G. H.
 Mudie, E.

Div. II.

McLaren, W. W.
 Durie, C.
 Huffman, A. T.
 Scott, A.
 Pilkey, P. J.
 Dickson, E. A.
 Williamson, E. J.
 Boyd, A. A.
 Croft, L. V.

Chown, S.
 Edmison, G.
 Ewart, W. M.
 Porter, W. C.
 Meiklejohn, A. J.
 Dalton, G. F.
 Tyner, W. G.
 McLennan, J. D.

Div. III.

Gavin, F. P.
 Goodwill, T. W.
 Orser, T. H.
 Sinclair, H. H.
 Allen, M. D.
 Powell, G. L.
 Bernstein, J. S.
 Boyd, M.
 Reynolds, M. E.
 Seaton, E. T.
 Day, H. E.
 Brown, M. B.
 Campbell, A. L.
 Ruttan, E.

Grange, W. A.
 Byrnes, J. D.
 Rogers, W. C.
 Allen, E.
 Stothers, R.
 Anthony, J.
 Griffith, M. A.
 Dawson, A. L.
 Fox, C. B.
 Neish, A. C.
 Snell, G. W.
 Fraser, J. A.
 Reid, G. M.

Senior Latin.

Div. I.

Leckie, N. M.
 Laird, D. H. }
 Smith, J. C. }
 Fraser, T.
 Cameron, J.
 Mills, R.

Dolan, J. H.
 McGibbon, A. A.
 Nimmo, H. M.
 Graham, P. E.
 Wallace, J.

Div. II.

Gowan, T.
 Massie, A. M.
 Crozier, A. J.
 Reynolds, A. F.
 McLennan, A. L.

Gordon, D. L.
 Ingram, J. R.
 Moodie, R. T.
 Thorne, J.

Div. III.

Stewart, F.
 Guy, W. A.
 Harris, D. C.
 Meiklejohn, A. J.
 Millikin, J. B.
 Nugent, A.
 Wilson, T. R.
 Yates, B. D.
 Gray, E. A.

Snyder, A.
 McPherson, H. G.
 Munroe, M. E.
 McIlroy, W. A.
 Rayside, J. S.
 McRae, J.
 Hutton, M.
 Prittie, W. T.
 Dean, M. B.

Junior Greek.

Div. I.

Munro, P.
 Dowsley, W.
 McMillan, A.
 Dolan, J. H.

Parker, J.
 Ferguson, J. S.
 Merrill, J. W.

Div. II.

Marshall, J. W.
 Walker, C. W.
 McLaren, W. W.
 Thompson, P. M.

Lewis, T. N.
 Lowe, G. R.
 Croft, L. V.

Div. III.

Byrnes, J. D.
 Edmison, G.
 Orser, T. H.
 Day, H. E.
 Ewart, W. M.
 Meiklejohn, A. J.
 Sinclair, H. H.
 Harvey, J. F.

Goodwill, T.
 Reynolds, R. F.
 Anthony, J.
 Durie, C.
 Paul, H. E.
 Dean, M. B.
 Townsend, T.

Senior Greek.

Div. I.

Leckie, N. M.
 Wallace, J.
 McGibbon, A. A.
 Mills, R.

Smith, J. C.
 Laird, D. H.
 Nimmo, H. M.
 Dolan, J.

Div. II.

Crozier, A. J.
 Ingram, J. R.
 Ferguson, C. A.

Gordon, D. A.
 Russell, M.
 Guy, W. A.

Div. III.

Frizell, J. A.	Gray, J. M.
Nugent, A.	Gowan, T.
McIlroy, W. A.	McIntosh, A.
McRae, J. F.	Munro, J.
Pope, E. L.	

Jnnior French.

Div. I.

Robertson, A. M.	Fraser, M. }
Murray, E. C. }	Reid, G. M. }
Williamson, E. J. }	Bernstein, J.
Dickson, E.	Furlong, T. H.
Newman, G. E.	Boyd, M.

Div. II.

Allen, E.	Polson, S. C.
Shireff, R. M.	Fraser, J. A.
Spence, J. C.	Sharman, G.
Mudie, E. }	Young, J. A.
Porter, W. C. }	Tyner, W. G.
McLennan, J. D. }	Youngson, M.
Scott, A.	Campbell, A. L. }
Wilmer, G. H.	Chown, S. }

Div. III.

Kingston, E. A.	Bellamy, M.
Griffith, M.	Langford, T. E.
Neish, A. C.	

Senior French.

Div. I.

Malone, E. A.	Reynolds, A. F.
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Div. II.

Cryan, G. }	Brown, M. B. }
Gordon, A. E. }	Snyder, A. }
Weatherhead, G. F.	McJanet, J.
Shireff, R. M.	Polson, S. C.
Dalton, G. F.	Spence, J. C.

Div. III.

Hutton, M.	Yates, S. D.
Reynolds, M. E. }	Dawson, A.
Stewart, F. }	Fowlds, T.

Junior German.

Div. I.

Robertson, A. M.
Williamson, E. J.
Dickson, E.

Shireff, R. M.
Spence, J. C.
Newman, G. E.

Div. II.

Furlong, T. H.
Bernstein, J.
Mudie, E.
Huffman, A. F. }
Scott, A. }

Campbell, A. L. }
Fraser, M. }
Reynolds, M. E.
Allen, E.

Div. III.

Kingston, E. A.
Porter, W. C.
Ruttan, E.

Edwards, C. B.
Rowe, R. K.

Senior German.

Div. I.

Boyd, A. A. }
Malone, E. }

Cryan, G.
Newman, G. E.

Div. II.

Brown, M. B.
Murray, E. C. }
Reynolds, A. F. }
Hutton, M.

Keillor, J.
Spence, J. C.
Dalton, G. F.
Reid, G. M.

Div. III.

McLennan, J. D. }
Stewart, F. }

Dawson, A. L.

Junior English.

Div. I.

Munro, P.
Dowsley, W.
Marshall, J. W.
Marshall, W. T.
Merril, J. W.

Walker, W. C.
Chown, A. A.
Mandson, G.
Mudie, E.
Orser, T. H.

Div. II.

Gowan, T.	Fraser, M.
Scott, A.	Wilmer, G. H.
Griffith, M. A.	Brown, M.
Byrnes, J. D.	Brandon, J. S.
Ewart, W.	Ferguson, T. S.
Rogers, W.	Parker, J.
Campbell, A. L.	Thompson, P. M.
Neish, A. C.	Boyd, M.
Huffman, A. F.	

Div. III.

Lewis, T. N.	Williamson, E. J.
Ruttan, E.	Croft, L. V.
McIlmoyle, E.	Allen, E.
Snell, G. W.	Edmison, G.
Yates, B. D.	Sinclair, H.
Dickson, E. A.	McKenty, D. F.
Chown, S.	Fraser, W. A.
Durie, C. L.	Saunders, R.
Bernstein, J.	McMillan, A.
McLennan, J.	Tyner, W. L.
Mills, R.	Bellamy, M. G.
Fraser, J. O.	Youngson, M. A.
Harvey, J. F.	

Senior English.

Div. I.

Henstridge, E.	Longmore, H. B.
Cloney, S. L.	Meiklejohn, A. J.
Fraser, T.	Nimmo, H. M.
Leckie, N.	Murray, E. C.

Div. II.

McGibbon, A. A.	Chown, A. A.
Moodie, R. T.	Reynolds, A. F.
McKinnon, M. A.	Wallace, J.
Graham, P. E.	Grange, W. A.
Laird, D. H.	Lothead, W.
Mackechnie, W. D.	Lothead, L. A.
Ingram, J. R.	Malone, E.
Patterson, A. O.	Brock, R. W.
Reynolds, M. E.	Cryan, G.

Div. III.

Anthony, J.
 Hamilton, J. C.
 Prittie, W. T.
 Frizell, J. A.
 McKinnon, H. L.
 Crozier, A. J.
 Dawson, A.
 Hall, W. A.
 McLennan, A. L.
 McPherson, H. G.
 McNeil, A. J.
 Russell, M.

Twohy, H.
 Stewart, F.
 Reid, G. M.
 McIlroy, W. A.
 McKenzie, D. A.
 McRae, J. F.
 Nugent, A.
 McLaren, W. W.
 Edmison, J.
 Fee, S. McL.
 Guy, W. A.

English (Specialists).

Henstridge, E.

Cloney, S. L.

Junior History.

Div. II.

Bamforth, R.
 Dalton, G. F.
 Grant, A. F.
 Moodie, R. F.

Purdy, V. M.
 Raney, W. H.
 Seaton, E. T.
 Weatherhead, G. F.

Div. III.

Grant, A. F.
 Ikehara, T.
 McKenzie, D. A.

Milliken, J. B.
 Munro, J.
 Powell, G. L.

Senior History.

Div. I.

Cloney, S. L.
 Edwards, C. B.
 Fowlds, M. T.
 Henstridge, E.
 Miller, J. D.

McInnes, J. A.
 Neville, K. P. R.
 Raney, W. H.
 Watson, J. S.
 Weatherhead, G. F.

Div. II.

Bamforth, R.
 Burton, S.
 Butler, G. A.
 Detlor, M. T.
 Dean, M. B.
 Grant, A. F.

Hall, W. A.
 Knapp, A. G.
 Lochhead, W.
 Thompson, M. T.
 White, L. R.
 Young, J. A.

Div. III.

Hamilton, D. J.

Junior Philosophy.

Div. I.

Chown, A. A.
 Fee, W. M.
 Fraleck, C.

McEwen, J. S.
 Longmore, H. B.
 Munro, J.

Div. II.

Dolan, J. H.
 Gavin, F. P.
 Anglin, R. W.
 Cameron, J.
 Leckie, N. M.
 Maudson, W. H.
 Attwood, A. E.
 Wallace, J.
 Hall, W. A.
 Marshall, W. F.
 McIntosh, A.
 McIlroy, W. A.

Nimmo, H. M.
 Russell, M.
 McGibbon, A. A.
 Fee, S. McL,
 McLennan, A. L.
 Wilson, W. A.
 Reid, M. R.
 Prittie, W. T.
 Irving, R. M.
 McLennan, J.
 Graham, P. E.
 Fraser, T.

Div. III.

Carmichael, R. F.
 Johnston, M.
 Matthews, S. W.
 Huffman, A. F.
 McRae, J. F.
 Ingram, J. R.
 Reynolds, A. F.
 Reynolds, M. E.
 Crozier, A. J.
 Smith, J. C.
 Munro, M. E.

Detlor, W. T.
 Lochhead, L. A.
 Dawson, A. L.
 Ruttan, E.
 Davis, J. S.
 McIntosh, G. A.
 McPherson, H. G.
 McNeill, A. J.
 Whyte, W. M.
 Guy, W. A.
 Seaton, E. T.

Senior Philosophy.

Div. I.

Burton, R.
 Smith, C. E.
 Cram, W. H.

Polson, S. C.
 Kannawin, W. M.

Div. II.

Pope, E. L.
 Neville, K. P. R.
 Scott, J. M.
 Geddes, R. W.
 Lochhead, W. M.

Patterson, A. O.
 Rigney, T. J.
 Mills, M. C.
 Stewart, E. J.

Div. III.

Fletcher, W. P.
 Fowlds, T.
 Whyte, W. M.
 Carswell, J.
 Johns, C. P.
 Knapp, A. E.
 McKenzie, D. A.
 Spooner, A. E.
 Grange, T. A.
 Berlanquet, H. S.

Pilkey, P. J.
 Beaton, K.
 Hamilton, D. J.
 Alcombrack, R. W.
 Bryce, W.
 Campbell, G. D.
 Ikehara, T.
 McIntosh, G. A.
 Woods, S. A.
 Instant, R.

Extra-Murals.

Raney, W. H.
 McLean, K. G.
 Galbraith, R.

Row, R. K.
 Young, A.

Preliminary Honours as Pass.

Johnston, G. L.

Junior Political Science.

Div. I.

Brown, J. C.
 Burton, R.
 Chown, A. A.
 Cram, W. H.

Davis, J. S.
 Fee, W. M.
 Hamilton, J. C.
 McKinnon, M. A.

Div. II.

Bernstein, J. S.
 Edmison, J. H.
 Fee, S. McL.
 Fletcher, W. P.
 Johnston, Geo. L.

McKinnon, H. L.
 McLennan, A. L.
 McNeill, A. J.
 Prittie, W. T.

Div. III.

Burton, S.
 Clarke, J. T. A.
 McLaren, W. W.

Stothers, R.
 Wilmer, G. H.

Senior Political Science.

Div. I.

Brown, J. C.
 Burton, R.
 Davis, J. S.
 Fletcher, W. P.

Kirkpatrick, H. R.
 Smith, C. E.
 Wilson, M. H.

Div. II.

Irving, R. M.
Fraleck, E.

Johnston, G. L.
Woods, S.

Div. III.

Butler, G.
McKenzie, D. A.

Stothers, R.

Political Science.

1st Year Honours as Pass.

Munro, W. B.
Lowe, G. R.

Edwards, C. H.

Junior Mathematics.

Div. I.

Reid, M. R.
Munro, P.
Dowsley, W. C.
Wilmer, G. H.
McMillan, A.
Merrill, J. W.
Parker, J.

Cryan, G.
Brandon, J. S.
Goodwill, T. W.
Scott, A.
Thompson, P. M.
Saunders, W. R.

Div. II.

Marshall, J. W.
Huffman, A. F.
Laird, D. H.
Marshall, W. F.
Ruttan, E.
Boyd, M.

Ferguson, T. J. S.
Fraser, T.
Anthony, J.
Bernstein, J. S.
Edmison, G.

Div. III.

Hall, J. R.
Dalton, G. F.
Munro, W. B.
Campbell, A. L.
Walker, C. W.
Rogers, W. C.
Fraser, M.
Croft, S. F.
Tyner, W. G.
McLaren, W. W.
Brown, M. B.
Neish, A. C.
Weatherhead, G. F.

Williamson, E. J.
Kingston, E. A.
Mudie, E.
Fraser, W. A.
Mills, R.
Clark, J. T. A.
Griffith, M. A.
Gray, E.
Fraser, A. J.
Porter, W. C.
Byrnes, J. D.
Twohy, H.

Senior Mathematics.

Div. I.

Maudson, W. H.
 Mackechnie, W. D.
 Hall, W. A.
 Davis, J. S.

Gordon, D. L.
 McKinnon, M. A.
 Moodie, R. T.

Div. II.

Craig, J. D.
 Baker, W. R.
 Ferguson, C. A.
 Begg, C. L.

Watson, J. S.
 Carswell, J.
 Edmison, J. H.
 Young, W.

Div. III.

Clark, J. K.
 Raney, W. H.
 Clarke, J. T. A.
 Staples, L. E.
 Kayler, W. B.
 Horsey, H. H.
 Fee, S. McL.
 North, E.

Clark, J. K.
 Raney, W. H.
 Bamforth, R.
 Wilson, T. R.
 McKinnon, H. L.
 Frizell, J. R.
 Russell, M.
 Rigney, T. J.

Junior Physics.

Div. I.

McKinnon, M. A.
 Craig, J. D.
 Begg, C. L.
 Longmore, H. B.
 Carmichael, R. F.
 McCreary, R. N.
 Reid, M. R.

Pope, E. L.
 Moore, J. R.
 Gordon, D. L.
 McVicar, J.
 Young, W.
 Breuls, I. D.

Div. II.

Maudson, G.
 Firth, W. P.
 Rogers, W. C.
 Fletcher, W. P.
 McKenzie, D. A.
 Bamforth, R.

Woods, S. A.
 Irving, R. M.
 Grant, A. F.
 McKechnie, W. D.
 White, L. R.
 Collier, W. H.

Div. III.

Raney, W. H.
 Munro, J.
 North, E.
 McKinnon, H. L.
 McNeill, A. J.
 Fee, S. McL.

Ferguson, C. A.
 McIntosh, A.
 Snell, G. W.
 Frizell, J. R.
 McIlmoyle, E.
 Saunders, W. R.

Senior Physics.

Div. I.

Robertson, A. M.	Breuls, I. D.	}
Feir, H.	Anglin, R. W.	
Attwood, A. E.	Wilson, W. A.	
Baker, W. C.	Whyte, W. M.	
Power, J. F.	Furlong, T. H.	
Massie, A. M.	Cram, W. H.	}
Hiscock, R. C.	Meade, R.	
	Reid, M. R.	
	Bryce, W.	}

Div. II.

McCreary, R. N.	}	Moffatt, W.
Rollins, J.		

Div. III.

Brown, A. H.	Gavin, F. P.
Pope, E. L.	Hamilton, D. J.
Pilkey, P. J.	Instant, R.
McVicar, J.	Collier, W. H.

Senior Physics with Optics.

Power, J. F.	Gavin, F. P.
Attwood, A. E.	Conklin, J. D.
Breuls, I. D.	McVicar, J.
Meade, R.	Furlong, T. H.
McCreary, R. N.	Moore, J. R.

Pass Botany.

Thompson, C. M.	Firth, W. P.
McEwen, J. S.	Breuls, I. D.
Whyte, W. M.	McKenty, D. F.
Redmond, R. C.	Brown, A. H.
Horsey, H. H.	

Jnnior Animal Biology.

Div. I.

Ilett, A. E., B. A.	Redmond, R. C.
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Div. II.

Begg, C. L.	Whyte, W. M.
Bryce, W.	Firth, W. P.

Div. III.

Horsey, H. H.	Breuls, I. D.
McKenty, D. F.	

Geology (First Year).

Div. I.

Wilson, W. A.
Power, J. F.

Baker, W. C.
McVicar, J.

Div. II.

Mabee, H. C.

Meade, R.

Div. III.

Breuls, I. D.
Dandeno, J. B.
Whyte, W. M.

Rayside, E.
Rayside, J. S.

Economic Geology (only).

Mooers, H. F.

Junior Chemistry.

Div. I.

Begg, Colin L.
Breuls, I. D.
Neish, A. C.

Redmond, R. C.
Thompson, P. M.
Whyte, W. M.

Div. II.

Bamforth, R.
Byrnes, J. D.
Carmichael, R. F.
Craig, J. D.
Firth, W. P.
Hamilton, D. J.

Mackechnie, W. D.
McKenty, D. F.
Scott, J. M.
Tyner, W. G.
Watson, J. S.

Div. III.

Croft, L. V.
Dean, M. B.
Fletcher, W. P.
Goodwill, T. W.
Horsey, H. H.
Johnston, M.
Knapp, A. E.

Milliken, J. B.
Raney, W. H.
Rayside, J. S.
Rigney, T. J.
Snell, G. W.
Scott, T. S.
Youngson, M. A.

Senior Chemistry.

Div. I.

Begg, Colin L.
Breuls, I. D.
Dandeno, J. B.

Meade, R.
Power, J. F.
Reid, M. R.

Div. II.

Baker, W. R.	Ilett, A. E.
Campbell, G. D.	Instant, R. A.
Conklin, J. D.	Redmond, R. C.
Hamilton, D. J.	Whyte, W. M.

Div. III.

Bryce, W.	Porter, S. E.
Lochhead, L. A.	

Senior Chemistry—Qual. Analysis.
(Specialists in Science).

Div. I.

Meade, R.	Reid, M. R.
Power, J. F.	Dandeno, J. B.
Porter, S. E.	

Div. II.

Moore, J. R.	Breuls, I. D.
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IV. FACULTY OF PRACTICAL SCIENCE.

Astronomy.

Scott, T. S., B.A.

1st Engineering.

Scott, T. S., B.A.

Junior Chemistry.

Scott, T. S., B.A.

Senior Chemistry.

Instant, R.	Campbell, G. D.
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Chemistry of Metals.

Lavell, Walter,

Qualitative Analysis.

Mooers, H. F.	Instant, R.
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Chemistry of Fuels, &c.

Mooers, H. F.

Quantitative Analysis and Assaying.

Mabee, H. C.

Crystallography.

Instant, R.	Mabee, H. C.
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Mineralogy and Blowpipe Analysis.

Div. I.

Wilson, W. A.
 Meade, R.
 Power, J. F.
 Campbell, G. D.

Mooers, H. F.
 Hiscock, R. C.
 Breuls, I. D.

Div. II.

Rayside, J. S.

Div. III.

Webster, B. E.

Whyte, W. M.

Mineralogy (only).

Div. III.

Grange, T. A.

McCreary, R. N.

*Mineralogy II.**Systematic Mineralogy.*

Div. I.

Brock, R. W.

Div. II.

Dandeno, J. B.

I. Systematic Mineralogy.

Mabee, H. C.
 Instant, R. A.

Mooers, H. F.
 Campbell, G. D.

Geology (First year).

Mabee, H. C.

Geology (Second year),

Instant, R.

Economic Geology.

Mabee, H. C.

Drawing (First year).

Fortescue, C. L. G.
 Scott, T. S., B.A.

Mabee, H. C.

Drawing (Second year).

Campbell, G. D.

Lavell, W. H.

Surveying (First Year).

Mitchell, J. W.

Mechanical Workshop.

Scott, T. S., B.A.

Mitchell, S. F., M.A.

The following non-matriculant students have taken the equivalent of Pass standing in these subjects:—

Junior Latin.

Div. II.

McIntyre, W. C.

Graves, M. F.

Div. III.

Day, H. E.

Williamson, G. H.

Langford, T. E.

Milne, M. R.

Grange, W. A.

Senior Latin.

Div. III.

Gray, J. M.

Smart, V. I.

Harris, D. C.

Junior Greek.

Div. III.

Day, H. E.

Alexander, W. A.

Reynolds, R. F.

Paul, H. E.

Senior Greek.

Gray, J. M.

Junior French.

Div. II.

Williamson, G. H.

Milne, M. R.

McLeod, J. A.

Langford, T. E.

Senior French.

Div. III.

Graves, M. F.

Senior German.

Graves, M. F.

Junior English.

Div. I.

Reynolds, R. F.

Collinson, J. C.

Div. II.

Cartwright, C.

McIntyre, W. C.

Div. III.

Langford, T. E.
 Williamson, G. H.
 Graham, R. S.
 McLeod, J. A.
 Day, H. E.
 Cannon, J. D.

Donovan, G.
 Newman, H. W.
 O'Donnell, E. J.
 Currie, H. M.
 Paul, H. E.
 Musclow, H.

Senior English.

Div. III.

McIntyre, A. D.
 Smart, V. I.
 Scott, J. M.
 Lindsay, E.

Gray, J. M.
 Lochhead, H. S.
 McDonald, E.
 Abery, J.

Junior History.

Div. III.

Gray, J. M.

Senior History.

Div. I.

McDowall, E.

Junior Philosophy.

Div. I.

Cannon, J. D.

Div. II.

McDowall, E.
 Graham, R. S.

Lindsay, E.

Div. III.

McIntyre, W. C.
 Abery, J.

Grange, W. A.
 Collinson, J. C.

Senior Philosophy.

Div. I.

Cannon, J. D.

Div. II.

Scott, J. M.

Div. III.

Currie, A. M.

McIntyre, A. D.

Junior Political Science.

Div. II.

Abery, J.

Div. III.

Musclow, H.

Senior Political Science.

Div. II.

Currie, A. M.

Div. III.

McIntyre, A. D.

Junior Mathematics.

Div. I.

Graham, R. S.

Div. II.

Collinson, J. C.

Langford, T. E.

Div. III.

McIntyre, W. C.

McRae, F. A.

Reynolds, R. F.

Paul, H. E.

Senior Mathematics.

Div. II.

Smart, V. I.

Junior Physics.

Div. II.

Smart, V. I.

Scott, J. M.

Senior Physics.

Div. I.

Baker, H. S.

Div. II.

Lochhead, H. S.

Junior Chemistry.

Div. I.

Collinson, J. C.

Div. II.

Langford, T. E.

Donnelly, J.

Div. III.

Scott, J. M.

Gage, J. E.

Senior Chemistry.

Div. III.

Baker, H. S.
Nissen, P. N.

Donnelly, J.

Quantitative Analysis.

Div. II.

Donnelly, J.

Mineralogy and Blowpipe Analysis.

Div. III.

Donnelly, J.

Geology (First Year).

Div. II.

Donnelly, J.

Economic Geology.

Donnelly, J.

Drawing (First Year).

Potter, J. S.

Surveying (First Year).

Potter, J. S.

Spotswood, McL. G.

Astronomy.

Potter, J. S.

Honours in Algebra and Trigonometry.

Grange, W. A.

THEOLOGY.

MATRICULATION (NOV., 1894).

Gandier, D. McG., B.A.

Pitts, F. E.

Dyde, G. E., B.A.

Rannie, A.

Turnbull, J. H.

Bennett, J. W. C.

Wilson, M. H.

Hunter, H. A., B.A.

Rose, G. W.

Miller, J. L.

McKinnon, J. B.A.

SUPPLEMENTARY PASS (NOV., 1894).

Peck, W. W., M.A.....	Divinity, 1892-93.
Young, C. G., B. A.....	} Apologetics, 1893-94.
Hutcheon, R. J., M.A.....	
Currie, E. C	Hebrew, 1892-93.
Hutcheon, R. J., M.A.....	Hebrew, 1893-94.
Young, C. G., B.A.....	} O. T. Exegesis, 1893-94.
Peck, W. W., M.A.....	
Stewart, J. D., M.A.....	
McDonald K. J., B.A.....	} N. T. Exegesis, 1893-94.
Peck, W. W., M.A.....	
Stewart, J. D., M.A.....	
Young, C. G., B.A.....	

B.D. EXAMINATION (NOV., 1894).

McDonald, K. J., B.A.....	} O. and N. T. Exegesis.
Hunter, R. F., B.A.....	
Bryan, A. C., B.A.....	O. T. Introduction, Inspiration, Ch. Hist., Hebrew and Chaldee.

Divinity.

(First Year).

Div. I.

Gandier, D. McG.	Wilson, M.
Dyde, G. E.	McKinnon, A. D.
Turnbull, J. H.	Pitts, F. E.
McIntosh, J. W.	McKinnon, J.
Best, D. W.	Hunter, H. A.
Rose, G. W.	Rannie, A.

(Second Year).

Div. I.

Hutcheon, R. J.	McDonald, K. J.
Stewart, J. D.	Hunter, R. J.
Fraser, J. R. }	
McMullin, A. J. }	

Div. II.

Currie, E. C.

(Third Year).

Div. I.

Bryan, A. C. }	Laird, R.
Peck, W. W. }	

Div. II.

Leitch, J. A.

O. T. Exegesis.

Div. I.

Gandier, D. McG.
 McDonald, K. J.
 Stewart, J. D.

Bryan, A. C.
 Dyde, G. E.
 Peck, W. W.

Div. II.

Wilson, M.
 Laird, R.
 Herbison, W. J.
 Pitts, F. E.
 Hunter, H. A.
 Best, D. W.

Hunter, D. J.
 McKinnon, A. D.
 Rannie, A.
 McIntosh, J. W.
 Rose, G. W.

Div. III.

McKinnon, J.
 McMullen, A. J.
 Currie, E. C.

Leitch, J. A.
 Millar, J. L.

N. T. Exegesis.

Div. I.

Gandier, D. McG.
 Bryan, A. C.

McDonald, K. J.
 Dyde, G. E.

Div. II.

Hunter, H.
 Hunter, R. J.
 Laird, R.

Stewart, J. D.
 McKinnon, J.

Div. III.

Wilson, M.
 Rannie, A.
 Leitch, J. A.
 Best, D. W.
 Currie, E. C.

Peck, W. W.
 McKinnon, A.
 Rose, G. W.
 Millar, J. L.

Apologetics.

Div. I.

Stewart, J. D.
 McKinnon, A. D.
 Hunter, H.

McMullen, A. J.
 McDonald, K. J.
 Peck, W. W.

Div. II.

McIntosh, J. W.
 Dyde, G. E.
 Hunter, R.

Leitch, J. A.
 Millar, J. L.

Div. III.

McKinnon, J.

Currie, E. C.

First Hebrew.

Div. I.

Feir, H.

Knapp, A. E.

Ikehara, T.

Fee, W. M.

McIntosh, J. W.

Fletcher, W. P.

Div. II.

Dyde, G. E.

Millar, J. L.

Kannawin, W. N.

Hall, J. R.

Wilson, M. H.

Watson, J. S.

Div. III.

Taylor, E.

Second Hebrew.

Div. I.

Gandier, D. McG.

Macdonald, K. J.

Hutcheon, R. J.

Div. II.

Rannie, A.

McKinnon, A. D.

Rose, G. W.

Currie, E. C.

McKinnon, J.

Stewart, J. D.

Church History.

Div. I.

Bryan, A. C.

Peck, W. W.

Gandier, D. McG.

McMullen, A. J.

Dyde, G. E.

Laird, R.

Stewart, J. D.

Div. II.

Turnbull, J. H.

Fraser, J. R. }

McIntosh, J. W. }

Rannie, A. }

McDonald, K. J. }

Rose, G. W.

McKinnon, A. D.

McKinnon, J.

Millar, J. L.

Div. III.

Pitts, F. E.

Hunter, H. A.

Wilson, M.

Leitch, J. A.

Herbison, W. J.

Hunter, R. J.

Currie, E. C.

Taylor, E.

PASS LISTS IN MEDICINE.

Junior Anatomy.

Wegner, W. G.	Malone, H. V.
Paul, H.	Moffatt, W.
Dyde, C. B. }	Scott, C. S.
Tripp, J. H. }	Morrison, C. A.
Cooper, E. G.	O'Connor, C.
Edmison, J. H.	Kilborn, H. F.
Elliot, H. H.	Corrigan, D. J.
Barber, V.	Gage, J. E.
Condell, W. N. }	McConville, A. P.
Redmond, R. C. }	Scott, W. B.
Fadden, W. T.	Davis, N. A.
Armstrong, C. C.	Waldron, H. M.
Hills, W. H.	Bute, J. H.
McCambridge, C. J.	Geddes, W. J.
Grange, T. A.	Burger, C. H.
Hanley, R. }	Doyle, J.
Jaquith, W. A. }	O'Hara, J. J. }

Animal Biology and Junior Physiology.

Dyde, C. B.	Burger, C.
Barber, V.	Kilborn, H. F.
Tripp, J.	Morrison, C.
Wegner, W. G.	Malone, H. V.
Elliot, H. H.	Hills, W. H.
Gould, S.	O'Connor, W. C.
Redmond, R. C.	Davis, N. A.
Scott, W. B.	Waldron, H. M.
McArthur, J. H.	Jaquith, W. A.
Paul, J. H.	Scott, C. S.
Grange, T. A.	Doyle, J.
Fadden, W. S.	Geddes, W. J.
Armstrong, C. C.	McCambridge, C. J.
Metcalf, H. H.	Hanley, R.
Corrigan, D. J.	Edmison, J. H.
Condell, W. N.	McConville, A.
Cooper, E. G. G.	Harty, J.

Histology.

Barber, V.	Neish, D. B.
Dyde, C. B.	Croskery, E.
Scott, W. B.	Tinkess, A. L.
Mylks, G. W.	Edwards, J. W.

Collison, G. A.
 Anderson, N. W.
 Douglas, H. E.
 Bellamy, A. W.
 Greer, R. F.
 Drummond, S.
 Metcalfe, H. H.
 Ilett, A. E.
 Spear, R.
 Irvine, W. H.

Lyle, W. D.
 Knight, A.
 McCarthy, A. W. P. A.
 Neish, J.
 Bannister, P. G.
 Hudson, C. H.
 Kelly, W. G.
 Letellier, A.
 Gould, S. H.
 McArthur, J. H.

Junior Materia Medica.

Redmond, R. C.
 Elliott, H. H.
 Paul, J. H.
 Dyde, C. B.
 Wegner, W. G.
 Grange, T. A.
 Cooper, E. G. G.
 Moffatt, W.
 Condell, W. N. }
 Scott, C. L. }
 Armstrong, C. C.
 Fadden, W. S. }
 Jaquith, W. A. }
 Burger, C. }
 Davis, N. A. }
 Morrison, C. A.
 Malone, H. V.

Gage, J. E. }
 Kilborn, H. F. }
 O'Connor, C. }
 Gould, G. H.
 Geddes, W. J.
 McConville, A. P.
 Edmison, J. H.
 Hanley, R.
 Carey, M.
 Tripp, J. H.
 Doyle, J.
 McCambridge, C. J.
 Waldron, H. M.
 Corrigan, D. J.
 Metcalfe, H. H.
 Kelly, W. G. }
 O'Connor, W. J. }
 O'Hara, J. J.

Junior Chemistry.

Armstrong, C. C.
 Fadden, W. S.
 Condell, W. A.
 Cooper, E. G. G.
 Elliott, H. H.
 Scott, C. S. }
 Tripp, J. H. }
 Geddes, W. J.
 Hanley, R.
 O'Connor, W. J.
 O'Hara, J. J.

Davis, N. A.
 Jaquith, W. A.
 Doyle, J.
 Burger, C. H. }
 O'Connor, C. }
 Corrigan, D. J.
 Waldron, H. M.
 McCambridge, C. J.
 McConville, A. P.
 Wegner, W. G.

Senior Anatomy.

Honours.

Dyde, C. B.

Douglas, H. E. M.

Pass.

Knight, A. S.	Tinkess, A. L.
Ford, A. B.	McCarthy, A. W. P. A.
Neish, D. B.	Kelly, W. G.
Anderson, N. W.	McArthur, J. H.
Croskery, E.	Irvine, W. H.
Letellier, A.	Greer, R. F.
Mylks, G. W.	Spear, R.
Collinson, G. W.	Bannister, P. G.
Bellamy, A. W.	Metcalf, H. H.
Edwards, J. W.	Abbott, G. A.
Boyle, J.	McLaren, A. F.
Drummond, S. J.	Kelly, T. J.
Ross, A. E.	

*Senior Physiology.**Honours.*

Dyde, C. B.	Boyle, J.
Mylks, G. W.	Anderson, N. W.

Pass.

Neish, D. B.	Drummond, S. J.
Spear, R.	Knight, L.
Edwards, J. W.	Walsh, F. M.
Greer, R. F.	Hudson, C. H.
Tinkess, A.	Tillman, H. A.
Letellier, A.	Bannister, P. G.
Collinson, G. W.	McCarthy, A. W. P. A.
Bellamy, A. W.	Lyle, W. D.
Irvine, W. H.	Teepell, E. W.
Croskery, E. A.	Kelly, W. G.
Knight, A. S.	Metcalf, H. H.
Douglas, H. E. M.	Butler, T. J.
Ross, A. E.	

*Senior Materia Medica.**Honours.*

Anderson, N. W.	Spear, R.
Bannister, P. G.	Scott, W. B.
Barber, V.	Greer, R. F.
Boyle, J.	

Pass.

Dyde, C. B.	Ross, A. E.
Knight, A. S.	Tinkess, A. L.
Gould, S. H.	Mylks, G. W.

Edwards, J. W.
 Croskery, E. A.
 Douglas, H. E. M.
 Collinson, G. W.
 Teepell, E. W.
 Bellamy, A. W.
 McCarthy, A. W. P. A.
 Irvine, W. H.
 Drummond, S. J.

Neish, D. B.
 Lyle, W. D.
 Irwin, A. W.
 McArthur, J. H.
 Ford, A. B.
 Letellier, A.
 Kelly, W. G.
 Thibodo, F. H.
 Kelly, T. J.

Senior Chemistry.

Mylks, G. W. }
 Collinson, G. W. }
 Anderson, N. W. }
 Croskery, E. A. }
 Bellamy, A. W.
 Spear, R.
 Neish, D. B. }
 Douglas, H. E. }
 Morrison, C. A.

Knight, A. S.
 Butler, T. J.
 Drummond, S. J.
 McLennan, D. R.
 Letellier, A.
 Bannister, P. G.
 McCarthy, A. W. P. A. }
 Tillman, H. G.

Analytical Chemistry.

Boyle, J. }
 Mylks, G. W. }
 Bellamy, M. W. }
 Drummond, S. J. }
 Ross, A. E.

Anderson, N. W. }
 Croskery, E. A. }
 Metcalfe, H. H.
 Letellier, A.
 Collinson, G. W. }
 McArthur, J. H. }

Junior Practice of Medicine.

Gibson, J. C.
 Campbell, P. M.
 Metcalfe, A. A.
 Murray, H. G.
 Teepell, E.

Downing, J.
 McPherson, C.
 Gillespie, H.
 Webster, B. E.

Senior Practice of Medicine.

Honours.

Whitteker, W. C.
 Marselis, E. H.
 McDonald, H. S.

Drennan, J.
 Hagar, F. C.
 McBroom, J. H.

Pass.

Craft, R. A.
 McEwen, A.
 Henderson, N. R.
 Farrell, T. H.

Berry, G. H.
 Ames, A. J.
 Lofthouse, W. O. R.
 McKeown, H.

Merriman, W. H.
 Fleming, H. P.
 Robinson, A.
 Stewart, G. G.
 Cranston, J. G.

Thibodo, F. H.
 Abbott, G. A.
 Tillman, H. A.
 Jones, A. W.

Junior Surgery.

Murray, H. G.
 Teepell, E.
 McPherson, C. F.
 Metcalfe, A. A.
 Webster, B. E.

Campbell, P. M.
 Gibson, J. C.
 Embury, A.
 Gillespie, H.
 Downing, J. J.

Senior Surgery.

Honours.

Whitteker, W. C.
 Marselis, E. H.
 Kyle, R. J. L.
 McDonald, H. S.
 McBroom, J. A.

Farrell, T. H.
 Fleming, H. P.
 Ames, A. J.
 Craft, R. H.
 Lofthouse, W. O. R.

Pass.

Cranston, J. G.
 McEwen, A.
 McKeown, H.
 Drennan, J.
 Stewart, G. G.
 Thibodo, F. H.
 Merriman, W. H.

Hagar, F. C.
 Abbott, G. A.
 Henderson, N. R.
 Robinson, A.
 Jones, A. W.
 Berry, G. H.
 Tillman, H. A.

Junior Obstetrics and Gynaecology.

Campbell, P. M.
 Gibson, J. C.
 Teepell, E.
 Metcalfe, A. A.
 Downing, J. J.

Murray, H. G.
 McPherson, C.
 Webster, B. E.
 Gillespie, H.
 Embury, A.

Senior Obstetrics and Gynaecology.

Whitteker, W. C.
 Ames, A. J.
 Hagar, F. C.
 McBroom, J. A.
 Farrell, T. H.

Craft, R. A.
 McKeown, H.
 Stewart, G. G.
 Henderson, N. R.

Pass.

Kyle, R. J. L.
 Lofthouse, W. O. R.
 McEwen, A.
 McDonald, H. S.

Marselis, E. H.
 Robinson, A.
 Fleming, H. P.
 Abbott, G. A.

Merriman, W. H.
 McGregor, J. G.
 Cranston, J. G.
 Tillman, H. A.

Berry, G. H.
 Drennan, J.
 Jones, A. W.
 Thibodo, F. H.

Medical Jurisprudence.

Honours.

Mooney, T. F.

Pass.

Teepell, E.
 Murray, H. G.
 Downing, J. J.
 Campbell, P. M.
 Metcalfe, A. A.
 Carscallen, W. E.
 Webster, B. E.
 Gibson, J. C.
 Lyle, W. D.
 Merriman, W. H.
 McPherson, C.
 McDonald, J. F.

Gillespie, H.
 McManus, J. G.
 Knight, L. A.
 Craft, R. A.
 Ross, A. E.
 Abbott, G. H.
 Hudson, C. H.
 Cranston, J. G.
 Irwin, A. W.
 Jones, A. W.
 Walsh, F.

Pathology.

Honours.

Gibson, J. C.
 Craft, R. A.
 Murray, H. G.
 McEwen, A.
 McPherson, C.
 Berry, G. H.

Ames, R. J.
 Farrell, T. H.
 Henderson, N. R.
 Metcalfe, A. A.
 Mooney, T. F.
 McKeown, H.

Pass.

Carscallen, W. E.
 Downing, J. J.
 Knight, L. A.
 McDonald, J. F.
 McGregor, J. G.
 Robinson, A.
 Cranston, J. G.
 Lofthouse, W. O. L.
 Lyle, W. D.
 Tillman, H. A.
 Fleming, H. P.

Jones, A. W.
 Teepell, E.
 Campbell, P. M.
 Thibodo, F. H.
 Gillespie, H.
 McManus, J. P. C.
 Webster, B. E.
 Hudson, C. H.
 Irwin, A. W.
 McLennan, R. J.

Clinical Medicine.

Ames, A. J.
 Hagar, F. C.

Kyle, R. J. L.
 McBroom, J. A.

McDonald, H. S.
 Stewart, G. G.
 Drennan, J.
 McKeown, H.
 Abbott, G. J.
 Craft, R. A.
 Henderson, N. R.
 McEwen, A.
 Whitteker, W. C.
 Berry, G. H.

Lofthouse, W. O. R.
 Marselis, G. H.
 Cranston, J. G.
 Robinson, A.
 Fleming, H. P.
 Farrell, T. H.
 Merriman, W. H.
 Jones, A. W.
 Tillman, H. A.
 Thibodo, F. H.

Clinical Surgery.

Whitteker, W. C.
 Farrell, T. H.
 Henderson, N. R.
 Hagar, F. C.
 Kyle, R. J. L.
 Marselis, E.
 McBroom, J. A.
 Stewart, G. G.
 Drennan, J.
 Fleming, H. P.
 McDonald, H. S.

Cranston, J. G.
 McKeown, H.
 Abbott, G.
 Berry, G. H.
 Craft, R. A.
 McEwen, A.
 Lofthouse, W. O. R.
 Ames, A. J.
 Robinson, A.
 Merriman, W. H.
 Tillman, H.

Sanitary Science.

Honours.

Carscallen, W. E.
 Ames, A. J.
 Hagar, F. C.
 Whitteker, W. C.

Craft, R. A.
 Farrell, T. H.
 Kyle, R. J. L.
 McBroom, J. A.

Medical and Surgical Anatomy.

Honours.

Whitteker, W. C.
 Farrell, T. H.
 Hagar, F. C.

McBroom, J. A.
 Craft, R. A.
 Kyle, R. J. L.

Pass.

McDonald, H. S.
 Berry, G. H.
 McKeown, H.
 Ames, A. J.
 Stewart, G. G.
 Marselis, E. H.
 Drennan, J.
 Tillman, H. A.

Robinson, A.
 Fleming, H. P.
 Lofthouse, W. O. R.
 Merriman, W. H.
 Abbott, G.
 McEwen, A.
 Cranston, J.
 Henderson, N. R.

HONOUR LISTS FROM 1877.

 1877.

- Classics.* Cl. I. Mackenzie, Arch. A.
Mathematics. Cl. I. Irvine, Wm. H.
Philosophy. Cl. I. Mackenzie, Arch. A.
English Literature and History. Cl. I. Mackenzie, Arch. A.

1878.

- Classics.* Cl. I. Macdonald, Geo.
Mathematics. Cl. I. Givens, D. A. McLennan, F. M.
Philosophy. Cl. I. Macdonald, Geo.
English Literature and History. Cl. I. Macdonald, Geo.

1879.

- Classics.* Cl. I. Briden, Wm. H. McTavish, D.
Mathematics. Cl. I. Stewart, W.
 Cl. II. McMillan, H. H.
History. Cl. I. McKay, M.
Chemistry. Cl. I. Dupuis, J. M.

1880.

- Classics.* Cl. I. Linton, A. R.
Philosophy. Cl. I. McCallum, A. B.
Political Economy. Cl. I. Shibley, H. T.
Chemistry. Cl. I. Shannon, L. W.
Moderns. Cl. I. Robertson, M. S.

1881.

- Classics.* Cl. I. Dyde, S. W.
 Greek. Cl. I. Smith, A. L.
 Latin. Cl. I. McKay, R.
 Cl. II. Irving, R.
Mathematics. Cl. I. Davis, B. N. Hume, J. P.
Philosophy. Cl. I. Linton, A. R. McTavish, D.
Political Economy. Cl. I. O'Reilly, J. R.
English Literature and History. Cl. I. Young, J. Fowler, H. C.
Chemistry. Cl. I. Hume, J. P. Davis, B. N.

187

1882.

Greek. Cl. I. Cameron, C. J.

Latin. Cl. I. Cameron, C. J.

Cl. II. Smith, A. L.

Philosophy. Cl. I. Hay, J.

Political Economy. Cl. I. McLeod, A.

English Literature and History. Cl. I. Ferguson, R.

Cl. II. Johnston, J. R.

History. Cl. I. Shibley, H. T.

1883.

Mathematics. Cl. I. Givan, A.

Philosophy. Cl. I. Shortt, A.

English Literature and History. Cl. I. Gandier, A. Smith, A. L.

Chemistry. Cl. I. Nicol, W.

1884.

Greek. Cl. I. Fitzgerald, Eliza S.

Latin. Cl. I. Fitzgerald, Eliza S.

Cl. II. Cooke, J.

Philosophy. Cl. I. Dyde, S. W.

Political Economy. Cl. I. Hay, J.

English Literature. Cl. I. Henderson, G. F.

Chemistry. Cl. I. McGillivray, Alice.

1885.

Greek. Cl. II. Mitchell, G. W. Drummond, W. J.

Latin. Cl. II. Mitchell, G. W. Drummond, W. J.

Mathematics. Cl. I. Connell, J. C.

Cl. II. McColl, A. E.

Chemistry. Cl. I. Scott, C. A.

Natural Science. Cl. I. Nicol, W.

Cl. II. Scott, C. A.

1886.

Greek. Cl. I. Clyde, W.

Mathematics. Cl. I. Horsey, H. E. McKinnon, J.

Philosophy. Cl. I. Gandier, A.

English Literature and History. Cl. I. Hunter, J. McF. McRae,

T. W. R. Nicol, W.

Cl. II. Miller, J.

- English.* Cl. II. Elliott, E.
History. Cl. I. Elliott, E.
Chemistry. Cl. I. Gardiner, S. H. Shorey, E. C.
Natural Science. Cl. I. Gardiner, S. H. Shorey, E. C.
Moderns. Cl. I. Dunlop, J. G. Folger, Marion.
 Cl. II. Elliott, E. Miller, J.

1887.

- Greek.* Cl. I. Logie, W. A. Parker, F. R.
 Cl. II. Wilson, H. L.
Latin. Cl. I. Logie, W. A. Parker, F. R.
 Cl. II. Wilson, H. L.
Mathematics. Cl. I. Findlay, J.
Philosophy. Cl. I. Marshall, J.
Political Economy. Cl. I. McLeod, P. A. Wright, J. J.
English Literature and History. Cl. II. Dunlop, J. G.
Chemistry. Cl. I. Kilborn, O. L.
 Cl. II. McClement, W. T.

1888.

- Greek.* Cl. I. Wilson, H. L. Finlay, W. A.
 Cl. II. Hartwell, G. E.
Latin. Cl. I. Wilson, H. L. Finlay, W. A. Beall, A. W.
 Cl. II. Claxton, J. Barclay, W. B. C.
Mathematics. Cl. I. Patterson, W. J.
 Cl. II. Ross, A. H. D.
Philosophy. Cl. I. Mackenzie, M.
Political Economy. Cl. I. Hay, A. G. Binnie, J. Sharp, J.
English Literature and History. Cl. II. Barclay, W. B. C.
Chemistry. Cl. I. Hales, J.
 Cl. II. Haig, A. Morden, G. W. White, J. W.
Natural Science. Cl. I. Allen, T. G. McClement, W. T.
Moderns. Cl. I. Beall, A. W. Claxton, J. A.

1889.

- Greek.* Cl. I. Drummond, D. R. Dyde, G. E. Mills, J. H.
 Cl. II. Cooke, J.
Latin. Cl. I. Drummond, D. R. Dyde, G. E., and Mills, J.
 H., equal.
 Cl. II. Griffin, E. S.
Mathematics. Cl. I. Minnes, R. King, F. Farrel, T. H.
 Curle, W.

- Philosophy.* Cl. I. McLeod, P. A.
 Cl. II. Sharp, J. Binnie, J. Hay, A. G.
Political Economy. Cl. I. Patterson, W. J. Curle, W. Sinclair, J.
 Cl. II. Phalen, R. M.
English Literature. Cl. II. Lett, R. M. McDonald, N.
History. Cl. I. Lett, R. M.
Chemistry. Cl. I. Walker, T. L.
 Cl. II. Corkill, E. J. Pope, F. J.
Botany. Cl. I. Bowerman, J. T.
 Cl. II. Corkill, E. J. Walker, T. L.
Zoology. Cl. I. Bowerman, J. T.
Geology. Cl. I. Bowerman, J. T.
Moderns. Cl. II. Griffin, E. S. Lett, R. M.

1890.

- Greek.* Cl. I. Heap, F.
Latin. Cl. I. Heap, F.
Mathematics. Cl. I. Snell, J. Carmichael, N. R.
Philosophy. Cl. I. Sinclair, J. A. Findlay, J.
English Literature. Cl. I. Hamilton, C. F.
History. Cl. I. Hamilton, C. F. Shibley, L.
 Cl. II. Smellie, J. F.
Chemistry. Cl. I. Pope, F. J.
Natural Science.—Botany. Cl. I. Lees, R. Fenwick, A. M.
Geology. Cl. I. Fenwick, A. M. Lees, R.
Zoology. Cl. I. Fenwick, A. M. Lees, R.

1891.

- Greek.* Cl. I. Ireland, F. A. W. Carmichael, N. R.
Latin. Cl. I. Ireland, F. A. W. Carmichael, N. R.
 Cl. II. Downing, J. J.
Mathematics. Cl. II. McPherson, W. A. Boyle, J.
Philosophy. Cl. I. Millar, J. McPherson, N.
English Literature. Cl. I. Kelloch, J. M. Marquis, T. G.
 Marshall, J. Ireland, F. A. W.
History. Cl. I. Peck, W. W.
 Cl. II. Wilson, C. L. M.
Chemistry. Cl. I. Wood, I. Arthur, C. C.

- Natural Science.—Botany.* Cl. I. Arthur, C. C. Baker, H. M.
Cowley, R. H.
Zoology. Cl. I. Pope, F. J. Arthur, C. C.
Wood, I. Cunningham, D.
Baker, H. M. Lockhart, T. J.
Geology. Cl. I. Baker, H. M.
- Moderns.* Cl. I. Campbell, Annie G.
Cl. II. Wilson, C. L. M.

1892.

- Latin.* Cl. I. McDonald, J. and Laird, R., equal. Hutcheon,
R. J. McIntosh, W. D.
Cl. II. Ross, A. E. Connell, J. Downing, J.
- Greek.* Cl. I. McDonald, J. Laird, R. Hutcheon, R. J.
Cl. II. Ross, A. E. Connell, J.
- Moderns.—French.* Cl. II. Downing, J.
German. Cl. II. Downing, J.
Italian. Cl. I. Downing, J.
- English.* Cl. I. Sharp, J.
Cl. II. Gallup, E. C. O'Shea, J. Hugo, F.
- History.* Cl. I. Pergau, P. Kelloch, J. McC.
Cl. II. Malcolm, G.
- Philosophy.* Cl. I. Thompson, T. J.
- Political Science.* Cl. I. Peck, W. W. Sinclair, J. A.
Cl. II. Hugo, F.
- Mathematics.* Cl. I. Stewart, J. A. Gibson, J. C. Reid, Etta A.
Cl. II. Campbell, P. McG.
- Natural Science.—Geology.* Cowley, R. H. Smith, J. H.

1893.

- Latin.* Cl. I. Macdonnell, G. F.
Cl. II. Ross, A. E. Bryson, H. W.
- Greek.* Cl. I. Macdonnell, G. F. Ross, A. E.
Cl. II. Bryan, H. W.
- Sanscrit.* Cl. I. Ross, A. E.
- English.* Cl. I. Peck, W. W. McManus, Emily. Haydon, A.
Millar, J. M. Hugo, F.
Cl. II. Dyde, G. E. McIntosh, J. W.
- French.* Cl. I. Marty, Aletta E.
Cl. II. McIntosh, J. W. Thompson, Margaret J.
Nicol, Jennie.
- German.* Cl. I. Marty, Aletta E. McIntosh, J. W.
Cl. II. Nicol, Jennie.

Italian. Cl. I. Marty, Aletta E. Thompson, Margaret J.
McIntosh, J. W.

Cl. II. Nicol, Jennie.

History. Cl. I. Haydon, A. Lavell, C. R.

Cl. II. Nicol, Jennie.

Philosophy. Cl. I. Easton, W. H. Davis, W. H.

Political Science. Cl. I. Haydon, A. Hugo, F.

Mathematics. Cl. I. Norris, J.

Chemistry I. Cl. I. Guess, H. A. Ross, A. H. D. Fox, C. B.

Cl. II. Ford, A. B.,

Qualitative Analysis, Crystallography, and General Chemistry (only). MacVicar, J.

Qualitative Analysis (only). Williamson, A. R. B. Moffatt, W.

Mineralogy II. Cl. I. Guess, H. A.

Cl. II. MacVicar, J.

Systematic Mineralogy (only). Boddy, Martha.

Natural Science.—Botany. Cl. I. Allen, Maggie D.

Geology. Cl. I. Allen, Maggie D.

Cl. II. Cameron, C. K. O.

Zoology. Cl. I. Chisholm, W. J. Guess, G. A., Ford, A. B. Moffatt, W.

Cl. II. Fox, C. B. Boddy, Martha.
Allen, Maggie D. Ross, A. H. D.

Histology. Cl. I. Ford, A. B. Moffatt, W.
MacVicar, J. Boddy, Martha. Cameron, C. K. O.
Guess, G. A. Ross, A. H. D. Fox, C. B.

Cl. II. Kayler, W. B. Allen.
Maggie D.

1894.

Latin Cl. I. Grant, W. L. Bryan, H. W.

Cl. II. Shortt, J. S. Bennet, C. V. Gray, S. H.

Greek. Cl. I. Grant, W. L. Bryan, H. W. Shortt, J. S.

Cl. II. Bennet, C. V. Gray, S. H. Herbison, R.

French. Cl. I. McIntosh, J. W.

Cl. II. Connolly, H. A.

German. Cl. II. McIntosh, J. W. Thompson, M. J. Connolly,
H. A. Anglin, F. R.

- Italian.* Cl. I. Menish, Janet I. Connolly, H. A. McIntosh, J. W.
Cl. II. Barr, J. Harvey, K. Anglin, F. R.
- English.* Cl. I. Peacock, E. R. Snyder, H. Adell. McColl,
J. A. McIntosh, J. W.
Cl. II. Newman, G. E. Marty, Aletta E. Thompson,
M. J. Mowat, J. McD.
- History.* Cl. I. Beaton, A. H. Hugo, F. Snyder, H. Adall.
Cl. II. Newman, G. E.
- Philosophy.* Cl. I. Stewart, J. Murray, Minnie.
- Political Science.* Cl. I. Peacock, E. R. Lavell, C. F.
Cl. II. McManus, Emily. Irving, W. G.
Beaton, A. H.
- Mathematics.* Cl. I. Mitchell, S. A.
Cl. II. Norris, I. T.
- Botany.* Cl. I. Chisholm, W. I. Johnson, J. W. Moffatt, W.
- Animal Biology.* Cl. I. Chisholm, W. I. Moffatt, W.
Cl. II. McVicar, J. Johnson, J. W.
- Geology.* Cl. I. Boddy, Martha.
- Chemistry.* Cl. I. Fox, C. B. Guess, G. A.
- Mineralogy.* Cl. I. Guess, G. A.

1895.

- Latin.* Cl. I. King, W. W. Watson, E. C. Windel, H. C.
Cl. II. Anglin, F. W. Bennett, W. C. Campbell, C. D.
Clark, R. J. Clark, W. T. Croskery, R. A.
Denyes, J. M. Macdougall, C. A. McDougall,
J. B.
- Greek.* Cl. I. Watson, E. C. Playfair, F. King, W. W.
Clark, R. J.
Cl. II. Macdougall, C. A. Clark, W. T.
- French.* Cl. I. Connolly, H. A. Day, A. E.
Cl. II. Menish, Janet I. Anglin, F. R. Denyes, J. M.
Harvey, Katharine.
- German.* Cl. I. Connolly, H. A. Day, A. E.
Cl. II. Menish, Janet I. Denyes, J. M.
- Italian.* Cl. I. Connolly, H. A. Menish, Janet I. Day, A. E.
Cl. II. Denyes, J. M.
- English.* Cl. I. Fraser, Annie E. Polson, Susan C. Connolly,
H. R. Clark, R. J. Rogers, J. C. Thompson,
T. J. Griffiths, Agnes J.
Cl. II. Millar, J. L. Conn, J. R. Menish, Janet I.
Day, A. E. Herbison, W. J. Smith, Violet
B. Fitzpatrick, A.

- History.* Cl. I. Munro, W. B.
Cl. II. Hunter, R. F. Hermiston, G. M.
- Philosophy.* Cl. I. Patterson, W. J. Fraser, J. R. Laird, R.
- Political Science.* Cl. I. McColl, J. A. Mowat, J. McD.
Cl. II. Clark, R. J. Herbison, W. J.
- Mathematics.* Cl. I. Sills, W. R. Ryerson, E.
- First Honour Physics.* Cl. II. Matthews, S. W. McEwen, J. S.
Cl. III. Griffiths, Edna B. Seaton, E. T.
- Second Honour Physics.* Cl. I. McInnes, C. R. Mitchell, S. A.
- Animal Biology.* Cl. I. Ewing, W. E. Williamson, A. R.
McCreary, R. N.
Cl. II. Attwood, A. E. Menzies, R. D.
Young, W.
- Botany.* Cl. I. Ewing, W. E. McCreary, R. N. Attwood,
A. E. Young, W.
- Geology.* Cl. I. Staples, L. E.
Cl. II. Clark, J. K.
- Chemistry.* Cl. I. Guess, H. A. Brock, R. W. Baker, W. C.
Cl. II. Menzies, R. D. Williamson, A. R. Clark,
J. K.
- Mineralogy.* Cl. I. Brock, R. W. Guess, H. A. Baker, W. C.
- PRELIMINARY HONOURS.
- Latin.* Cl. II. Carswell, J.
- French.* Cl. I. Robertson, A. M.
Cl. II. Newman, G. E. Mills, Martha C. McIntosh,
Grace A. Spence, J. C. McPherson, H. G.
- German.* Cl. I. Robertson, A. M.
Cl. II. Mills, Martha C. Newman, G. E. McIntosh,
Grace A. McPherson, H. G.
- Anglo-Saxon.* Henstridge, Elizabeth. Cloney, S. L. Cameron,
Jessie. Spooner, A. C. Burton, Robert.
Fraser, Thurlow. Hall, W. A. Geddes, R. W.
Munro, Maud. Beaton, Kate.
- First Group except Syherical Trigonometry.* Lewis, T. Long-
more, H. B. Brown, A. H. Collier, W. H.
- Algebra and Trigonometry.* Grange, W. A.
- Trigonometry (only).* McLennan, J. D. McEwen, J. S.
- Plane Trigonometry and Spherical Trigonometry.* Griffith, E.
- Plane Geometry, Solid Geometry, and Spherical Trigonometry.*
Robertson, A. M.
- Modern Geometry for Pass.* Galbraith, R.

Botany. Cl. I. Moore, J. R. Power, J. F. Meade, R.
McVicar, J. Baker, W. R. Dandeno, J. B.
Gavin, F. P.

Cl. II. Porter, S. E.

Animal Biology. Cl. I. Moore, J. R. Meade, R. Power, J. F.
Grant, A. F.

Geology. Cl. II. Instant, R. A.

Chemistry. Cl. I. Hiscock, R. C.

HONOURS AS PASS.

French. Neilson, Bertha.

German. Spence, J. C.

English. Mills, M. Odell, Henrietta. Rollins, J. Fraleck, E.
Raney, W. H. Edwards, C. B. Pope, E. L.
Edwards, C. H. Fowlds, Theresa. Irving, R. M.
Currie, E. C.

Philosophy. Johnston, G. L.

Political Science. Munro, W. B. Lowe, G. R. Edwards, C. H.

Animal Biology. Grant, A. F. Bryce, W.

Chemistry. Mooers, H. F.

Explanation of the Numbers attached to the Names in the following List.

PREVIOUS TO 1892.

1. Gold Medallist in Classics.
2. Silver Medallist in Classics.
3. Gold Medallist in Mathematics.
4. Gold Medallist in Philosophy.
5. Gold Medallist in History and English Literature.
6. Gold Medallist in Political Economy.
7. Silver Medallist in Political Economy.
8. Gold Medallist in Chemistry.
9. Silver Medallist in Chemistry.
10. Silver Medallist in Modern Languages.
11. Silver Medallist in Natural Science.

1892 AND AFTERWARDS.

1. University Medallist in Latin.
2. " " Greek.
3. " " Moderns.
4. " " English.
5. " " History.
6. " " Philosophy.
7. " " Political Science.
8. " " Mathematics.
9. " " Chemistry.
10. " " Physics and Astronomy.
11. " " General Biology.
28. " " Mineralogy.

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12. Prince of Wales' Prize.
 13. Governor General's Prize.
 14. Gowan Prize : Botany.
 15. Macpherson Prize.
 16. Thorburn Prize.
 17. Lewis Prize,
 18. Latin Composition Prize.
 19. Greek Composition Prize.
 20. Gold Medallist in History.
 21. Silver Medallist in History.
 22. Maclellan Prize.
 23. Carmichael Prize.
 24. Chancellor's Prize.
 25. Gowan Prize: Political Science.
 26. Hague Prize.
 27. English verse Prize.

NOTE. The University Medal is now the highest award in honours. Candidates must take all the honour papers in the work of the courses selected; and no medal is awarded to any candidate who fails to obtain three-fourths of the whole number of marks.

LIST OF GRADUATES.

(Graduates are requested to intimate to the Registrar change of residence or any omission in the list).

Names marked with an asterisk are names of clergymen.

Name.	Date of Graduation.	Address.
Abbott, George A., M.D.	1895....	
Abbott, Rodney, H., M.D.	1879....	Comber.
Abbott, Samuel A., M.D.	1868....	(Deceased).
Aberdeen, His Excellency the Earl of, LL.D.	1894....	Ottawa.
*Acheson, Stuart, B.A.	1887....	Toronto.
Adams, George T. C., M.D.	1892....	Melbourne, Victoria.
Adams, Joseph, M.D.	1892....	Plevna.
Adamson, Herbert A., M.D.	1892....	Ottawa.
Agnew, Andrew, B.A.	1865....	Chicago.
Agnew, John, B.A., 1859; M.A., 1872; M.D.	1865....	(Deceased).
Alexander, Francis R., M.D.	1881....	(Deceased).
Alexander, James A., M.D.	1869....	(Deceased).
^{14, 8} Allen, Thos, G., B.A., 1888; M.A. 1889....		Ingersoll.
Allen, Alfred G., M.D.	1887....	
Allen, James R., M.D.	1894	Bath.
Allen, Maggie D., M.A.	1895....	Halifax.
Alway, Enoch, M.D.	1869....	Binbrook.
Ames, James A., M.D.	1895....	Codrington.
Ami, Henry M. (M.A.) D.Sc.	1892....	Ottawa.
Anderson, James J., M.D.	1887....	Smith's Falls.
Anderson, William J., M.D.	1894....	Glen Stewart.
Anderson, William J., M.D.	1861....	Smith's Falls.
Anglin, Francis R., B.A.	1895....	Kingston.
Anglin, James V., B.A., 1883; M.D. 1887....		Montreal.
Anglin, Robert S., M.D.	1882	Omaha, Neb.
Anglin, Sara E., B.A.	1892....	Kingston.
Anglin, William G., M.D.	1883....	Kingston.
(Professor, Queen's University).		
Armour, James, B.A.	1886....	Perth.
Armstrong, Albert, M.D.	1867....	Arnprior.
Armstrong, Alfred, M.D.	1866....	(Deceased).
Arthur, Colin C., M.A.	1891....	Cobourg.
*Ashton, John J., B.A.	1886....	Newcastle.
Asselstine, David P., B.A.	1892	Kingston.

Name.	Date of Graduation.	Address.
Asselstine, Henry A., B.A.....	1876....	
Asselstine, Robert W., B.A.....	1894....	Kingston.
Austin, Griffin H., M.D.....	1893....	Warburton.
Aylesworth, Archibald K., M.D....	1863....	(Deceased).
*Awde, James, B.A.....	1879....	Niagara Falls.
Bain, Angus U., B.A.....	1888....	Toronto.
¹² Bain, Hugh U., B.A.	1871....	Prince Albert, NWT.
Bain, Hon. John F., B.A.....	1867....	Winnipeg.
*Bain, William, B.A., 1845; M.A., 1847; D.D.....	1872....	(Deceased).
Bain, William G., B.A.....	1886....	(Deceased).
Bain, William R., B.A.....	1863....	
Baker, Hattie M., M.A.....	1892....	Kingston.
Baker, Herbert W., B.A.....	1891....	(Deceased).
Baker, Thomas C., M.D.....	1888....	
Baker, William C., M.A.....	1895....	Kingston.
Bailie, Thomas H., M.D.....	1892....	Hamilton.
Ballagh, James H., B.A.....	1878....	Chicago.
Barber, Albert E., M.D.....	1892....	Mishawaka, Ind.
Barclay, William B. C., B.A.....	1888....	Arnprior.
Barker, Alex. N., M.D.....	1893....	
Bateman, Francis J., B.A.....	1888....	Christiana.
*Baxter, John C., D.D.....	1878....	Kirkaldy, Scotland.
*Bayne, James, D.D.....	1865....	(Deceased).
¹⁰ Beall, Arthur W., B.A., 1888; M.A.....	1892....	Kyoto, Japan.
Beattie, John A., B.A.....	1891....	Barnett.
Beattie, William, M.D.....	1866....	Wayram.
Beatty, Elizabeth R., M.D.....	1884....	Brantford.
⁵ Beaton, Alex. H., B.A.	1894....	Orillia.
Beeman, William C., M.D.....	1886....	Centreville.
Beeman, Thomas W., M.D.....	1878....	Smith's Falls.
Beeman, Truman A., M.D.....	1887....	Newburg.
Beckett, James, M.D.	1863....	(Deceased).
Begg, Colin L., B.A.....	1895....	Orillia.
Begg, John W., M.D.....	1887....	Dalhousie, N.S.
Belch, John A., M.D.....	1889....	Norwood, N.Y.
Bell, Alexander, M.D.....	1865....	Lakefield,
Bell, Andrew, B.A.....	1853....	Almonte.
*Bell, George, B.A., 1845; LL.D....	1872....	Kingston.
<i>(Registrar, Queen's University).</i>		
Bell, George, B.A.....	1878....	Toronto.
Bell, James M., M.D.....	1857....	(Deceased).
Bell, John, B.A., 1862; M.A., 1865; M.D.....	1866....	(Deceased).

Name.	Date of Graduation.	Address.
*Bell, John, B.A.....	1890....	Dumblane.
Bell, John H., M.D.....	1890....	Kingston.
Bell, Josiah J., B.A., 1864; M.A....	1877....	Toronto.
Bell, Robert, LL.D.....	1883....	Ottawa.
<i>(Assistant Director, Geological Survey of Canada).</i>		
*Bell, William, B.A.....	1855....	(Deceased).
*Bellis, George, D.D.....	1880....	(Deceased).
Belton, William J., M.D.....	1892....	Clayton.
Bennett, Charles V., B.A.....	1894....	Toronto.
*Bennett, Orr, B.A.....	1886....	Russell.
Bennett, Henry, M.D.....	1878....	Sullivan.
Benson, John R., B.A., 1853; M.D.	1858....	(Deceased).
*Bergne, Samuel B., D.D.....	1865....	London, Eng.
Bermingham, Frank H., M.D....	1892....	Brooklyn, N.Y.
Bermingham, Mary E. (Macarow), M.D.....	1892....	Kingston.
Bernard, Gerald, M.D.....	1871....	Newcastle-on-Tyne.
Berry, George H., M.D.....	1895....	Seeley's Bay.
Bertram, Thomas A., M.D.....	1885....	Dundas.
Bethune, Alexander, M.D.....	1858....	Seaforth.
Bethune, Henry F., M.D....	1869....	Clanbrassie.
Bethune, William, B.A.....	1864....	Geneseo, Ill.
Betts, Alfred H., M.D.....	1875....	(Deceased).
Betts, John H., M.D.....	1881....	(Deceased).
Beveridge, Alice B., B.A.....	1892....	Montreal.
Bice, Mark, M.D.....	1869....	Arva.
Bigham, Hugh, M.D....	1864....	(Deceased).
Bigham, James, M.D.....	1868....	Warsaw.
Bigham, John, M.D.....	1865....	(Deceased).
*Binnie, James, B.A., 1889; M.A., 1890; B.D.....	1892....	McDonald's Corners.
Bird, Francis W., M.D.....	1859....	(Deceased).
Bird, Nelson J., M.D.....	1860....	San Francisco, Cal.
Bisonette, Julien D., B.A., 1880; M.D.....	1892....	Napanee.
Black, Benjamin F., M.D.....	1893....	
*Black, John, D.D.....	1876....	(Deceased).
*Black, John A., B.A.....	1891....	Roslin.
Black, William A., M.D.....	1862....	(Deceased).
Blakeley, Robert, M.D.....	1861....	(Deceased).
Blaylock, Ella, M.D.....	1887....	Nassau, New Hamp.
Bleasdell, Charles E., M.D.....	1868....	(Deceased).
Boddy, Martha, B.A.....	1894....	Owen Sound.
Bonner, John, B.A., 1845; M.A....	1847....	(Deceased).
Booth, Donald B., M.D.....	1868....	Odessa.

Name.	Date of Graduation.	Address.
Boucher, Joseph A., M.D.	1894....	Charlo, N.B.
Bourchier, H. P., B.A.	1853....	(Deceased).
Bourinot, John G., LL.D.	1887....	Ottawa.
Bourns, Thomas C., M.D.	1892....	Adison.
Bourns, William H., M.D.	1892....	Adison.
Bovey, Henry T. (M.A.), LL.D.	1893....	Montreal.
<i>(Professor, McGill University).</i>		
Bowen, George H., M.D.	1877....	Gananoque.
Bowen, Robert, M.D.	1865....	H. M. Service.
Bowerman, John T., M.A.	1891....	Ottawa.
Bowers, Samuel S., M.D.	1857....	Fond du Lac, Wis.
Boyd, Edward, LL.B.	1863....	Cincinnati, U.S.
*Boyd, John D., B.A.	1889....	Kingston.
Boyle, Arthur R., M.D.	1859....	Toronto.
Boyle, Joseph, B.A.	1891....	Gananoque.
*Boyle, W. H. W., B.A.	1884....	Colorado.
Bradley, Gordon F., B.A.	1890....	Winnipeg.
Brady, James, M.D.	1891....	Camden, N.Y.
Branigan, P. K., M.D.	1862....	(Deceased).
Bray, John L., M.D.	1863....	Chatham, O.
^{1, 12} Briden, William, B.A.	1880....	Ingersoll.
Bridgland, Samuel, M.D.	1870....	Bracebridge.
Brien, James, M.D.	1872....	Essex Centre.
Britton, Edward H., B.A.	1884....	St. Louis, Mo.
Brock, Reginald W., M.A.	1895....	Toronto.
Brough, Thomas A., B.A.	1893....	Owen Sound.
Brown, Frederick M., B.A.	1890....	Kingston.
Brown, George E. J., LL.B.	1894....	Creemore.
*Brown, James A., B.A.	1883....	Agincourt.
Brown, James C., B.A.	1894....	Williamstown.
Brown, J. G. Williston, B.A.	1890....	Charlottetown, P.E.I.
Brown, Marshall J., M.D.	1856....	Kingston.
Brown, William G., B.A.	1881....	Toronto.
Brown, Sara A., M.D.	1890....	Fingal.
Bruce, Frederick, M.D.	1886....	Mount Morris, Mich.
*Bryan, Andrew C. (B.A.), B.D.	1895....	Kingston.
Bryan, George J., B.A.	1888....	Winnipeg.
Bryan, Hugh W., B.A., 1893; M.A. 1894....	1894....	Kingston.
Brymner, Douglas, LL.D.	1892....	Ottawa.
*Buchanan, John H., B.A.	1885....	Indore, India.
<i>(Medical Missionary).</i>		
Buchanan, H. M., M.D.	1889....	St. Lawrence, N.Y.
Buckley, Patrick B., LL.B.	1863....	(Deceased).
Bullis, William H., M.D.	1884....	Chatham, O.
Burdett, Harry E., M.D.	1886....	St. Paul, Minn.

Name.	Date of Graduation.	Address.
Burgess, Jas. E., B.A., 1868; M.A.	1876	Toronto.
Burns, Clement B., B.A....	1890....	Halifax.
*Burns, James C., D.D.....	1884....	(Deceased).
*Burns, Samuel S., B.A.....	1894	Westport.
15Burns, William, B.A.....	1886....	Victoria, B.C.
Burrows, John G., M.D.....	1891....	Napanee.
Butler, Tobias J., M.D.....	1895....	Deseronto.
Byers, Robert P., B.A.....	1893....	Gananoque.
*Caie, George J., B.A.....	1861....	Forfar, Scotland.
Caldwell, William C., B.A.....	1866....	Lanark.
Camelon, Thomas P., M.D.....	1890....	Sioux Falls, Dak.
Cameron, Alexander D., M.D.....	1882....	Lancaster.
*Cameron, Charles I., B.A., 1861;		
M.A.....	1868	(Deceased).
* 1Cameron, Charles J., B.A., 1886;		
M.A.....	1887....	Brockville.
Cameron, C. Alice, B.A.....	1888....	Brockville.
Cameron, Dan, M.D.....	1887....	Toledo, Ohio.
*Cameron, Hugh, B.A.....	1876....	Morrisburg.
Cameron, James C., B.A....	1888....	Cornwall.
Cameron, John, B.A.....	1864....	Toronto.
*Cameron, James Y., M.A.....	1865....	(Deceased).
Cameron, William A., B.A., 1887;		
M.D.....	1890....	Kemptville.
Campbell, Albert L., M.D.....	1889....	Belleville.
*Campbell, Alexander, B.A.	1862...	Wolesley, Assa.
*Campbell, Alexander J., D.D.....	1887....	Geelong, Aus.
11Campbell, Annie G. (Macgillivray)		
B.A.....	1891....	Kingston.
Campbell, Donald, B.A.....	1850...	(Deceased).
Campbell, George, M.D.....	1859....	H. M. Navy.
Campbell, George D., B.A.....	1895	Renfrew.
Campbell, James W., M.D.....	1891....	Kingston.
*Campbell, John, B.A., 1847; M.A.	1850....	(Deceased).
Campbell, John H., M.D.....	1856....	(Deceased).
Campbell, Joseph, M.D.....	1867....	Paisley.
Campbell, Joseph S., M.D.....	1890	Deseronto.
*Campbell, Neil, B.A.....	1883....	Uptergrove.
Campbell, Peter McG., B.A.....	1892....	Admaston.
*Campbell, Robert B.A., 1856;		
M.A., 1858; D.D.....	1887....	Montreal.
*Campbell, Robert, B.A., 1867;		
M.A., 1870; D.Sc.....	1884....	Renfrew.
Carmichael, Andrew, M.D.....	1861	Spencerville.
*Carmichael, James, D.D....	1892....	Strange.

Name.	Date of Graduation.	Address.
Carmichael, James F., B.A.....	1887....	Toronto.
² Carmichael, Norman R., M.A....	1890....	Strange.
Cartwright, Alexander D., B.A....	1885....	Toronto.
Cartwright, Richard C., M.D	1884....	Rochester, N.Y.
Carscallen, Allen B., M.D.....	1875....	Enterprise.
Case, George H., M.D.....	1876	(Deceased).
Casselman, Joseph, M.D.....	1886....	N. Williamsburg.
Cattanach, James, B.A.....	1889....	S. Monaghan.
*Cattanach, John C., B.A., 1868; M.A.....	1881....	
*Caven, William, D. D.....	1875....	Toronto. (Principal, Knox College).
Chaffey, Elsworth, M.D.....	1871....	Santa Monica, Cal.
Chamberlain, T. F., M.D.....	1862....	Toronto In. Prisons.
Chamberlain, Watson P., M.D....	1888....	Morrisburg.
Chambers, Alice, B.A.....	1888	Los Angeles, Cal.
Chambers, Daniel, M.D.....	1855....	(Deceased).
Chambers, Mary M., B.A.....	1891....	Vancouver.
*Chambers, Robert, B.A.....	1866....	Bardezag, Turkey.
Chambers, William, B.A.....	1883....	Los Angeles, Cal.
Channonhouse, John, M.D.....	1863....	Eganville.
Channonhouse, R. C., M.D.....	1889	Harrowsmith.
Channonhouse, Thomas, M.D. ...	1860	(Deceased).
Chapman, Edward J., LL.D.....	1867....	Toronto. (Professor, University College).
*Childerhose, Stephen, B.A.....	1884....	Eldorado, Ont.
Chisholm, James, (B.A.) LL.B....	1892....	Hamilton.
*Chisholm, John, B.A.....	1878....	Dunbarton.
Chisholm, Harvey F., M.D.....	1857....	(Deceased).
¹¹ Chisholm, Wm. I., M.A.....	1894....	Lakeside.
Chown, Albert P., M.D.....	1890....	Kingston.
Chown, George, Y., B.A.....	1884....	Kingston.
Chown, Henry H., M.D.....	1880....	Winnipeg.
Chown, Stanley T., B.A.....	1889....	Kingston.
Chrysler, Francis H., B.A.	1866....	Ottawa.
Clancy, Charles C., M.D.....	1883....	Port Huron, Mich.
Clark, John K., B.A.....	1895....	Powassen.
Clark, Richard J., M.A.....	1895....	Kingston.
Clark, W. C. D., M.D.....	1885....	Bristol, Eng.
Clark, William T., B.A.....	1895....	Kingston.
Clarke, James, M.D.....	1868....	Bay City, Mich.
Clarke, John, M.D.....	1872	Peterboro.
Clarke, Joseph A., M.A.....	1882....	(Deceased).
Clarke, John G., M.D.....	1880....	Meaford.
Clarke, William, M.D.....	1879....	Ireland.

Name.	Date of Graduation.	Address.
*Clarke, William C., B.A.....	1855....	(Deceased).
Claxton, George, B.A.....	1876....	Gladstone, Man.
Claxton, John A., B.A.....	1888....	Arden, Man.
Claxton, William, M.D.....	1874....	Verona.
Cleaver, J. C. C., M.A.....	1879....	Montserrat, Trinidad.
Cleaver, William F., M.D.....	1879....	Wigan, Eng.
Clerihew, Ernest M., M.D.....	1800....	New York.
Clinton, George, M.D.....	1878....	Belleville.
Cloutier, Felix, M.D.....	1889....	Crysler.
Cluness, William R., B.A., 1855; M.D.....	1859....	Sacramento, Cal.
Clyde, William, B.A., 1885; M.A....	1887....	Petrolia.
Cochrane, James B., B.A.....	1891....	Kingston.
Cogan, Jeremiah R., M.D.....	1861....	(Deceased).
Coleman, William F., M.D... ..	1863....	St. John, N.B.
Collins, Cornelius, M.D.....	1886....	(Deceased).
Comer, Alexander, T., M.D.....	1864....	New York.
Conboy, Daniel, B.A.....	1888....	
³ Connell, James C., B.A., 1884; M.A., 1885; M.D.....	1888....	Kingston.
Connell, Jessie C. (Binnie), B.A....	1892....	McDonald's Corners.
Connell, Walter T., M.D.....	1894....	Kingston.
<i>(Professor, Medical Faculty, Queen's University).</i>		
Connerty, J. Moore, M.D.....	1886....	Winchester.
Connolly, Henry R., M.A.....	1895....	Cataragui.
*Cook, John, LL.D.....	1880....	(Deceased).
Cooke, John, B.A.....	1884....	Dunnville.
Cooke, William H., M.D.....	1888....	Minneapolis.
Coon, Darius A., M.D.....	1890....	Elgin.
Copeland, George T., B.A.....	1889....	Cornwall.
Corbett, George H., M.D.....	1856....	Orillia.
Corbett, Henry T., M.D.....	1868....	(Deceased).
Dickson, Annie E., M.D.....	1886....	Kingston.
Dickson, Charles R., M.D.....	1880....	Toronto.
Dickson, John R., M.D.....	1863....	(Deceased).
Dickson, John R., M.D.....	1868....	(Deceased).
Dingman, William E., M.D.....	1875....	Listowel.
Dingwall, James, B.A.....	1861....	Cornwall.
Dixon, Andrew F., M.D.... ..	1890....	Sand Hill.
Dixon, John W., M.D.....	1890....	Frankville.
Dixon, Mortimer L., M.D.... ..	1886....	Florida, U.S.
*Donald, William, D.D.....	1861....	(Deceased).
Donald, William, B.A.....	1873....	Pilot Mountain, Man.
Donovan, Edward I., M.D.....	1886....	Langdon, Dak.
Donovan, Mary (Melville), B.A....	1892....	Bakersville, Vt.
Donovan, Patrick C., M.D.....	1879....	Gretna, Man.

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Name.	Date of Graduation.	Address.
Corkill, Edward J., B.A.....	1886....	Sarnia.
Corlis, Margaret A., M.D	1885....	Fremont, U. S.
*Cormack, James, B.A.....	1872....	Maxville Ont.
Cormack, John H., M.D.....	1893....	Kingston.
Cornell, Albert P., M.D.....	1882....	Brockville.
Cornell, Stanley S., M.D.....	1886....	Athens.
*Cornett, William H., B.A.....	1887....	Spokane, Wash.
Corry, Robert, M.D.....	1861....	(Deceased).
*Cosgrove, Thomas A., B.A.....	1887....	St. Mary's.
Coughlan, Richard, M.D....	1881....	Waterdown.
Countryman, John E., M.D.....	1893....	Tweed.
*Coussirat, Daniel (B.D.), D.D ...	1893....	Montreal.
<i>(Professor, McGill University).</i>		
Coutlee, Hillier Noel, M.D.....	1882....	Sharbot Lake.
¹⁴ Cowley, Robert H., B.A., 1889;		
M.A.....	1893....	Ottawa.
Coy, William F., M.D.....	1886....	Chicago.
Craft, Robert A., M.D.....	1895....	
Craig, James J., B.A.....	1874....	Mount Forest.
Craig, Hugh A., M.D.....	1878....	Cobourg.
*Craig, Robert J., B.A., 1871; M.A.	1874....	Germany.
Craig, William, B.A.....	1858....	Pittsburg.
Craine, Agnes D., M.D.....	1888....	Smith's Falls.
Cranston, James G., M.D.....	1860....	Arnprior.
Cranston, James G., M.D.....	1895....	Arnprior.
Crawford, Joseph, M.D.....	1857....	(Deceased).
¹² Crawford, Robert, B.A.....	1869....	Kingston.
Creegan, John G., B.A., 1878 ;		
M.D.....	1886....	Delta.
Cryan, John, M.D.....	1883....	Morrisburg.
*Cumberland, James, B.A., 1877;		
M.A.....	1880....	Stella.
Cumberland, Thomas, M.D.....	1884....	(Deceased).
¹² Cumberland, Thomas D., B.A...	1875....	Brandon.
Cunningham, Arthur B., B.A.....	1891....	Kingston.
Cunningham, David, B.A., 1887 ;		
M.D.....	1890....	Kingston.
Cunningham, Henry C., M.D.....	1885....	Carman, Man.
Curle, William, B.A., 1889; M.A.	1890....	Toronto.
*Curran, William B., B.A., 1859;		
M.A.....	1870....	Hamilton.
*Currie, Archibald, B.A., 1858 ;		
M.A.....	1861....	Sonya.
*Currie, John, D.D.....	1885....	Halifax.
<i>(Professor, Theological Hall).</i>		

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Name.	Date of Graduation.	Address.
Curry, James W., B.A.	1878....	Toronto.
*Daly, Charles H., B.A.	1890....	Oil Springs.
Daly, Wilberforce, B.A.	1880....	Peterboro.
Dame, Alexander A., M.D.	1886....	Galt.
*D'Argent, William E., B.A.	1884....	Gallipolis, Ohio.
Darragh, Robert J., M.D.	1866...	Portsmouth.
David, Alfred, M.D.	1873....	Atlantic Mines, Mich.
David, William C., M.D.	1889....	West Bay City, Mich.
Davies, Ransom A., M.D.	1876....	Easton's Corners.
Davis, Bidwell N., B.A.	1881....	Toronto.
Davis, John J., M.D.	1894....	Kingston.
Davis, William H., M.A.	1893...	Cornwall.
Davis, Lewis T., M.D.	1883...	Nanaimo, B.C.
Davis, Robert H., M.D.	1858....	York, Grand River.
Davis, Sydney N., M.D.	1891....	York.
Davidson, Myers, M.D.	1864...	Florence.
*Dawson, Æneas McD., LL.D. ..	1886....	(Deceased).
*Dawson, Alexander, B.A.	1859....	Temple.
Dawson, George M., LL.D.	1890....	Ottawa.
Dawson, Henry G., M.D.	1885....	Cape Vincent.
Day, Alfred E., B.A.	1895....	Kingston.
Day, Barnabas W., M.D.	1862....	Council Grove, Kan.
Day, Henry W., M.D.	1859....	Belleville.
Day, Jonathan, M.D.	1877....	(Deceased).
Day, Lewis E., M.D.	1880....	(Deceased).
Day, Walter D. P. W., M.D.	1871....	(Deceased).
Dean, Marshall B., B.A.	1895....	Brighton.
Deans, George, M.D.	1865....	Trenton.
Deans, William C., M.D.	1861....	(Deceased).
Demorest, Clara, M.D.	1890....	St. Catharines.
Dénaut, Henry J., M.D.	1892...	Walkerton, Ind.
Denike, George H., M.D.	1882....	Fulton, N.Y.
Dennistoun, Robert M., B.A.	1885....	Peterboro.
Denyes, James M., M.A.	1895....	Odessa.
*Dewar Donald L., B.A.	1886....	Ailsa Craig.
Deynard, Adelbert B., M.D.	1875....	Owen Sound.

Name.	Date of Graduation.	Address.
Douglas, James, B.A.....	1858 ...	Phoenixville, Penn.
Douglas, Robert, B.A., 1851; M.D.....	1855....	(Deceased).
Douglass, Harry E., M.D.....	1892....	Morrisville, Vt.
Dow, John Ball, B.A.....	1875....	Whitby.
Downing, James J., B.A.....	1881....	(Deceased).
Downing, Joseph J., B.A.....	1892....	Kingston.
Downing, William H., M.D.....	1888....	(Deceased).
Dowsley, David H., M.D.....	1875....	Kingston.
Dowsley, George C., M.D.....	1875....	Owen Sound.
Drennan, Jennie G., M.D.....	1895....	Kingston.
Drummond, Andrew T., B.A., 1860; LL.B.....	1863....	Montreal.
*Drummond, Daniel R., B.A., 1889; M.A., 1890; B.D.....	1892....	Russeltown, Que.
Drummond, Francis A., B.A.....	1877....	Winnipeg.
Drummond, Peter, M.D.....	1889....	Grant, Mich.
*Drummond, William J., B.A.....	1885....	Nanking, China.
*Duclos, John E., B.A.....	1884 ...	Valleyfield.
Duff, John, M.D.....	1889 ...	(Deceased).
Duff, Hew R., M.D.	1884....	Middleville.
Dugdale, John J., M.D.....	1867....	(Deceased).
Dumble, Thomas H., M.D.....	1877....	(Deceased).
Dumble, William C., M.D.....	1877....	Tara.
*Dumoulin, John P., M.A.....	1870....	Toronto.
Dunbar, Neil, B.A.....	1854....	(Deceased).
Dunbar, Samuel, M.D.....	1855....	(Deceased).
Dunlop, James D., M.D.....	1887....	Alpena, Mich.
¹⁵ Dunlop, John G., B.A., 1887; M.A.....	1891...	Nagano, Japan.
Dunlop, Neil, M.D.....	1861....	Sydenham.
Dunn, Andrew T., M.D.....	1864....	North Augusta.
Dupuis, Charles B., B.A.....	1887....	(Deceased).
Dupuis, Eugene L., M.D.....	1890....	Philadelphphia.
⁸ Dupuis, James M., M.D.....	1881....	Philadelphia.
Dupuis, Nathan F., B.A., 1866; M.A.....	1868....	Kingston.
<i>(Dean, Faculty of Practical Science, Queen's University).</i>		
Dupuis, Thomas R., M.D.....	1860....	(Deceased).
Dwyre, Andrew W., M.D.....	1885....	Westport.
*Dyckman, Henry M., B.A.....	1877....	Pottstown, Penn.
Dyde, Charles B., B.A.....	1894....	Kingston.
Dyde, George E., B.A.....	1889....	Kingston.
^{1, 4} Dyde, S. W., B.A., 1883; M.A. 1884; D.Sc.....	1887....	Kingston.
<i>(Professor, Queen's University).</i>		
*Eakin, Joseph F., B.A.....	1866....	(Deceased).

Name.	Date of Graduation.	Address.
Earl, William M., M.D.	1890....	Bishop's Mills.
⁶ Easton, William H., M.A.	1893 ...	Easton's Corners.
*Edmison, Henry, B.A., 1863; M.A. 1866....		Rothsay, O.
Echlin, Edmund B., B.A., 1889; MD. 1891....		Ottawa.
Elliott, Arthur R., M.D.	1889....	Chicago.
Elliott, Edwin, B.A.	1886....	Kingston.
Elliott, John, B.A.	1889....	Walkerton.
Elliott, Thomas A., B.A.	1879....	Brockville.
Elliott, Walter H., B.A.	1894....	Hamilton.
Elmer, William W., M.D.	1858....	Spokane Falls, Wash.
Elwell, W. D., M.D.	1863....	(Deceased).
Embury, Elizabeth, M.D.	1888....	Selby.
Emery, George F., M.D.	1889....	Gananoque.
Emery, Horatio J., M.D.	1884....	Crosswell, Mich.
Empey, Charles T., M.D.	1880....	Cross Hills, Eng.
Empey, William A., M.D.	1891....	Winchester.
Erly, Francis W. J., M.D.	1868....	(Deceased).
Errett, Alfred I., M.D.	1887....	(Deceased).
Etherington, Edward J., B.A.	1891....	Perth.
Evans, Henry, M.D.	1858....	(Deceased).
Evans, Henry A., M.D.	1878....	Picton.
*Evans, Joseph, B.A., 1855; M.A. 1857....		Rowland, N. Car.
Ewing, William C., M.A.	1895....	Westport.
Fairbairn, Archibald C., M.D.	1871....	Minneapolis.
Fairfield, Charles A. D., B.A.	1887 ...	St. Catharines.
Falconer, John P., B.A.	1889....	Sidney, C.B.
Farley, Frank J., M.D.	1894....	Brighton.
Farrell, Alexander G., B.A.	1885 ...	Smith's Falls.
Farrell, James M., B.A.	1889....	Kingston.
Farrell, Thomas H., B.A., 1889 ; M.A., 1890; M.D.	1895....	Kingston.
Farrell, J. T., M.D.	1861....	(Deceased).
Fee, Samuel H., M.D.	1862....	Kingston.
Feek, Robert G., B.A.	1882 ...	Grenville, Que.
Feir, Harry, B.A.	1895....	Omeme.
¹¹ Fenwick, Arthur M., M.A.	1890....	Battleford, N.W.T.
Fenwick, Kenneth N., B.A., 1871; M.A., 1874; M.D.	1874....	Kingston.
<i>(Professor, Queen's University).</i>		
Fenwick, Thomas M., M.D.	1864....	Kingston.
Ferguson, Allan G., M.D.	1887....	Bathurst.
Ferguson, Archibald, B.A.	1883....	Winnipeg.
Ferguson, Charles F., M.D.	1859....	Kemptville.
Ferguson, Edward G., M.D.	1863....	Macon, Georgia.
Ferguson, George A., B.A.	1894....	Kingston.

Name.	Date of Graduation.	Address.
*Ferguson, George D., B.A.....	1851....	Kingston. (<i>Professor, Queen's University</i>).
Ferguson, James, F., B.A.....	1862....	Kingston.
*Ferguson, John, B.A., 1876; M.A., 1878; B.D.....	1879....	(Deceased).
5 Ferguson, Robert, B.A.....	1882....	London.
Ferguson, Robert B., M.D.....	1863....	Winnipeg.
Ferguson, Thomas B., B.A.....	1863....	Cincinnati, Ill.
Ferguson, William B., B.A.....	1861....	Kingston.
File, Albert J., M.D.....	1869....	Ameliaburg.
3 Findlay, John, B.A., 1887; M.A.....	1888....	(<i>Professor, Ursinus College, Pa.</i>)
2 Finlay, William A., B.A.....	1888....	Quebec.
Fisher, Albert J., M.D.....	1887....	Brigden.
1 Fitzgerald, Eliza S., B.A.....	1884....	Niagara Falls.
Fitzgerald, Gerald D., M.D.....	1894....	Peterboro.
17 *Fitzpatrick, Alfred, B.A.....	1889....	Kilburn, N.S.
Fleming, Hugh P., M.D.....	1895....	Ottawa.
*Flemming, David, B.A.....	1887....	Harrowsmith.
Foley, Declan E., M.D.....	1886....	Wolfe Island.
Foley, Ignatius J., M.D.....	1891....	(Deceased).
10 Folger, Howard S., B.A.....	1887....	Kingston.
Folger, Matthew H., B.A.....	1885....	New York, U.S.
Ford, A. B., M.A.....	1894....	Kingston.
Ford, Henry B., M.D.....	1885....	Moorwood.
Ford, Herbert D., M.D.....	1874....	Chicago.
*Forest, John, D.D.....	1863....	Halifax. (<i>Principal, Dalhousie College</i>).
Forin, Alexander, M.D.....	1884....	
Forrester, Edgar, B.A., 1882; M.D.....	1884....	Brockville.
Foster, Robert J., M.D.....	1859....	(Deceased).
Fowkes, John T., M.D.....	1891....	Winchester Springs.
Fowler, Annie L., B.A.....	1884....	Kingston.
Fowler, Fife, M.D.....	1863....	Kingston. (<i>Dean, Medical Faculty, Queen's University</i>).
5 Fowler, Henry C., B.A.....	1881....	Toronto.
Fowler, Jennie (Kilborn), B.A....	1890....	(Deceased).
*Fowler, William J., B.D.....	1888....	Escuminac, Que.
Fox, Charles B., M.A.....	1895....	Napanee.
Fox, Edward C., M.D.....	1864....	
Foxton, Edward, M.D.....	1884....	Toronto.
Foxton, Joseph, B.A.....	1886....	Kingston.
Fraleck, Judge Edison B., B.A....	1863....	Belleville.
Franklin, Benjamin W., M.D.....	1856....	Port Burwell.
Fraser, Anson S., M.D.....	1869....	Sarnia.

Name.	Date of Graduation.	Address.
Fraser, Alexander G., B.A.....	1852....	(Deceased).
Fraser, Archibald, B.A.....	1848....	(Deceased).
*Fraser, Donald, B.A., 1864; M.A.....	1866....	(Deceased).
Fraser, George L. B., B.A.....	1870....	Ottawa.
*Fraser, James, B.A.....	1865....	Cushing, Que.
Fraser, James R., B.A., 1893; M.A.....	1895....	Lorne, N.S.
Fraser, John (M.A.), LL.D.....	1887....	Maitland, Aus.
Fraser, John B., M.D.....	1888....	Toronto.
*Fraser, John F., B.A.....	1869....	Manotick, Ont.
Fraser, John M., B.A., 1857; M.D.....	1861....	(Deceased).
*Fraser, Joshua, B.A.....	1858....	(Deceased).
Fraser, Robert N., M.D.....	1884....	Thamesville.
Fraser, Wilhelmine G., M.D.....	1890....	India.
<i>(Medical Missionary).</i>		
*Fraser, William, D.D.....	1878....	(Deceased).
Frechette, Louis H., LL.D.....	1881....	Montreal.
Freeland, Anthony, M.D.....	1889....	Quebec.
Freeman, Albert E., M.D.....	1887....	Inverary.
Froiland, Herbert M., B.A., 1882; M.D.....	1883....	(Deceased).
Fuller, Wm. H., B.A., 1867; M.A.....	1873....	(Deceased).
Fulton, Cyril, M.D.....	1894....	Iroquois.
Funnell, Ada A., M.D.....	1887....	Hamilton.
Funnell, Rozelle V., M.D.....	1890....	Toronto.
Galbraith, John E., M.D.....	1880....	(Deceased).
Gallagher, Morton, M.D.....	1887....	Campbellford.
*Gallaher, John, B.A.....	1878....	Pittserry.
Galligan, Thomas D., M.D.....	1886....	Brudenell.
4, 5 *Gandier, Alfred, B.A., 1884; M.A.....	1887....	Halifax.
Gandier, Augustin, M.D.....	1890....	Avon Park, Florida.
Gandier, Daniel McG., B.A.....	1894....	Conquerall Bank, NS.
Gardiner, Robert J., M.D.....	1891....	Seeley's Bay.
Gardiner, Sydney H., B.A., 1887; M.D., 1889; M.A.....	1890....	Brooklyn.
Garrett, Richard W., M.D.....	1832....	Kingston.
<i>(Professor, Medical Faculty, Queen's University).</i>		
*Geddie, John, D.D.....	1866....	(Deceased).
*Geikie, A. Constable, LL.D.....	1884....	Bathurst, N.S. Wales.
*Geikie, John C., D.D.....	1871....	Barnstable, Eng.
Genge, William W., M.D.....	1891....	Wolfe Island.
Gerin, John, M.D.....	1872....	Auburn, N. Y.
Gibson, Albert E., M.D.....	1887....	Oakland, Iowa.
Gibson, Andrew M., M.D.....	1874....	(Deceased).
Gibson, J. Copland, M.A.....	1892....	Kingston.

Name.	Date of Graduation.	Address.
Gibson, James C., M.D.....	1892...	New Haven, Mich.
Gibson, James F., M.D.....	1891....	Glenvale.
Gibson, James L., M.D.....	1893....	Cherry Valley.
Gibson, John J., M.D.....	1893....	Scetch Line.
Gibson, William J., B.A., 1874 ; M.D., 1881 ; M.A.....	1882....	Belleville.
Gildersleeve, James P., LL.B.....	1863....	Kingston.
Giles, George C., M.D.....	1893....	Brockville.
Giles, John G., M.D.....	1860....	Athens.
*Gill, Henry, D.D.....	1865....	England.
Gillen, Erastus, M.D.....	1894....	Belleville.
Gillies, George, B.A.,.....	1874....	Gananogue.
Gillies, Neil, M.D... ..	1871....	Winnipeg.
Gillies, William F., B.A.....	1891....	(Deceased).
Gillis, Angus B., M.D.	1888....	Bass River, N.S.
³ *Givan, Arpad, B.A.....	1883....	Williamstown.
¹² Givens, David A., B.A.....	1878....	Riverside, Cal.
Givens, Hannah A. (Marshall), B.A.	1887....	St. Thomas.
Givens, William R., B.A.....	1888....	Toronto.
Gleeson, James H., M.D.....	1864....	(Deceased).
*Glassford, Thomas S., B.A.....	1875....	Lethbridge, B.C.
Glover, Thomas J., B.A.....	1894....	New York.
Goold, Arthur J., B.A... ..	1883....	Waterford.
*Gordon, James, B.A., 1851 ; M.A.	1854....	(Deceased).
Gordon, John G., B.A.	1861	
*Gow, Robert, B.A.....	1883....	Moosejaw, N.W.T.
*Gowan, James R., LL.D.....	1884....	Barrie.
*Graham, Archibald, B.A.....	1892....	Lancaster.
Graham, Hedley C. W., M.D.....	1889	
Grange, Thomas A., B.A.....	1895....	Newburg.
*Grant, Hugh R., B.A.....	1883....	Trenton, N.S.
Grant, James A., B.A. (M.D.)..	1878....	Ottawa.
*Grant, Kenneth J. (M.A.), D.D...	1893....	San Fernando, W.I.
Grant, Norman M., B.A., 1886 ; M.D.	1889 ...	New Zealand.
*Grant, Peter, D.D.....	1868....	Dundee, Scotland.
*Grant, William, D.D... ..	1883...	Shoalhaven, N.S.W.
^{1, 2} Grant, William L., M.A.....	1894 ...	Oxford, Eng.
Grasse, Sidney D., M.D.....	1864...	(Deceased).
*Gray, John (D.D.), B.A., 1873 ; M.A.....	1874....	Orillia.
Gray, S. Harper, B.A.	1894 ...	Brampton.
Gray, William A., M.D.....	1890....	Pembroke.
Green, Samuel D., M.D.....	1891 ...	Marquette, Mich.
Griffin, E. Scott, B.A.....	1884....	Toronto.
²⁸ Guess, George A., M.A.....	1894	

Name.	Date of Graduation.	Address.
Guess, Harry A., M.A.....	1895	
Gunsolus, Kenneth, M.D.....	1871	
Hackett, Joseph, M.D.....	1858....	(Deceased).
Hagar, Frederick C., M.D.....	1895....	Gananoque.
Haig, Andrew, B.A., 1888; M.A., 1889; M.D.....	1891....	Menie.
Hales, James, B.A., 1888; LL.B....	1893....	Toronto.
Halliday, Henry, B.A.....	1884....	Pembroke.
Hamilton, Andrew, B.A.....	1855....	(Deceased).
^{5, 21} Hamilton, Charles F., M.A.....	1890....	Toronto.
Hamilton, David, M.D.....	1862....	Batavia, N.Y.
Hamilton, David J., B.A.....	1895....	Cataragui.
Hamilton, John A., B.A., 1877; M.D.	1886	
Hanna, James E., M.D.....	1886....	Ottawa.
Harding, William E., M.D.....	1888....	Brockville.
Hare, William G., M.D.....	1892....	Bay City, Mich.
Harkness, Fred B., M.D.....	1889....	Ottawa.
Harkness, Thomas F., B.A.....	1862....	(Deceased).
Harper, John M., B.A.....	1882....	Quebec.
Harrison, Edgar D., M.D.....	1891....	Madoc.
Harrison, T. S., M.D.....	1865....	Selkirk.
Hart, John F., M.D.....	1887....	Prescott.
Hart, Michael W., M.D.....	1887....	Prescott.
*Hart, Thomas, B.A., 1860; M.A., 1868; B.D.....	1880....	Winnipeg. (Professor, Manitoba College).
*Hartwell, George E., B.A.....	1888....	China.
Harvie, William D., M.D.....	1889....	Hillsboro, Dak.
Harvey, Albert E., M.D.....	1869....	Wyoming.
⁷ Hay, Arthur G., B.A., 1889; M.A.	1890 ...	Morden, Man.
^{4, 7, 13} *Hay, John, B.A., 1882; B.D.	1885....	Cobourg.
Hay, William, B.A., 1883; M.D...	1887....	Antwerp, N.Y.
^{5, 7, 16} Haydon, Andrew, M.A.....	1893....	Almonte.
Hayes, William J., B.A.....	1890....	(Deceased).
Hayunga, George, M.D.....	1890....	New York.
¹ Heap, Frederick, M.A.....	1890....	Winnipeg.
Heath, Frederick C., B.A., 1878; M.D.....	1886....	Brantford.
Heenan, Daniel, B.A.....	1849....	(Deceased).
Heggie, David, M.D.....	1865....	Brampton.
Henderson, Donald, M.D.....	1858....	Winnipeg.
Henderson, E. Mabel, M.D.....	1892....	Hamilton.
²¹ Henderson, George F., B.A.	1884....	Ottawa.
Henderson, Johnson, B.A.....	1885....	Wallbridge.
Henderson, Kenneth, M.D.....	1888....	Clyde River, P.E.I.

Name.	Date of Graduation.	Address.
Henderson, Norman R., M.D.....	1895....	Kingston.
Henderson, William, M.D.....	1859....	(Deceased).
*Henderson, William, D.D.....	1862....	(Deceased).
Henderson, William H., M.D.....	1879....	(Deceased).
Hendry, George, M.D.....	1869....	(Deceased).
Herald, Dundas, M.D.....	1891....	Longley, B.C.
²⁴ Herald, John, B.A., 1876 ; M.A., 1880 ; M.D.....	1884....	Kingston. (<i>Professor, Queen's University</i>).
Herald, R. T. Wilson, M.D.....	1890....	Vancouver, B.C.
Herbison, William J., B.A.....	1895....	Kingston.
Hermiston, George M., B.A.....	1895....	Warkworth.
Herriman, Weston Leroy, M.D....	1855....	Lindsay.
Herrington, Anthony W., M.D....	1881....	(Deceased).
Heslop, John E., M.D.....	1887....	Thompson, Mich.
Hickey, Daniel C., M.D.....	1883	
Higgins, Edward M., M.D.....	1877....	Hot Springs, Ark.
Higginbotham, William, M.D....	1871....	Omeme.
Hilker, Adam E., M.D.....	1889	Port Elgin.
Hillier, Solomon C., M.D.....	1869....	Bowmanville.
Hillier, William, M.D.....	1855....	(Deceased).
Hoare, Walter W., M.D.....	1864....	Strathroy.
Hodge, George, M.D.....	1870....	Mitchell.
*Hodges, James, B.A.....	1892....	Tilbury Centre.
Hoffman, George C., LL.D.....	1895....	Ottawa.
*Hogg, John, D.D.....	1871....	(Deceased).
Holdcroft, Joseph, M.D.....	1889....	Inverness, Que.
Holdcroft, W. T., B.A., 1888; M.D.	1890....	Deseronto.
Holmes, F. S. Leroy, M.D.....	1877	Merrickville.
*Hooper, Ebenezer, M.D.....	1885....	Toronto.
Hooper, Edmund J., B.A., 1858 ; M.A.....	1861....	(Deceased).
Hooper, Josephine A., B.A.....	1885....	Kingston.
Hope, James A., B.A., 1862; M.A.	1864....	(Deceased).
Horsey, Alfred, M.D.....	1865....	Ottawa.
Horsey, Edward H., M.D.....	1860....	(Deceased).
Horsey, Edward H., M.D.....	1888....	Owen Sound.
Horsey, Henry H., B.A.....	1895....	Ottawa.
³ *Horsey, Herbert E., B.A., 1886 ; M.A.....	1887....	Abbotsford, Que.
Horton, Robert N., M.D.....	1879....	Brockville.
Hossie, Thomas R., M.D.....	1879....	Gouverneur, N.Y
Hourigan, Andrew B., M.D.....	1877....	Peterboro.
Houston, William R., M.D.....	1871....	Chatham, O.
Howell, George W., M.D.....	1867....	Tweed, O.

Name.	Date of Graduation.	Address.
Howells, Thomas B., M.D.	1863	(Deceased).
Hubbs, Henry A. M., M.D.	1877	Bay City, Mich.
Hugo, Frank M., B.A., 1892; M.A., 1893; LL.B.	1895	Watertown, N.Y.
^{3, 8} Hume, John P., B.A.	1881	Campbellford.
*Hunter, Alexander, B.A.	1861	(Deceased).
Hunter, Hugh A., B.A.	1892	Smith's Falls.
⁵ Hunter, James McF., M.A.	1883	(Deceased).
Hunter, Robert F., B.A.	1892	Smith's Falls.
Hunter, Robert J., B.A.	1888	Ridgetown.
^{17*} Hutcheon, Robert J., M.A.	1892	Cape Vincent, N.Y.
Hutcheson, James, B.A.	1881	Brockville.
Hutchison, John, M.D.	1886	Meaford.
Ilett, Ambrose E., B.A.	1894	Kingston.
Ingersoll, Isaac F., M.D.	1863	Picton.
Instant, Reginald A., B.A.	1895	Emerald.
Ireland, Charles F., B.A.	1866	Winnipeg.
¹ Ireland, Francis A. W., M.A.	1891	Chatham, Ont.
Irvine, William H., B.A.	1877	Kingston.
Irving, Lennox, B.A.	1886	Pembroke.
Irving, William G., B.A.	1894	Riverside, Cal.
Irwin, Chamberlen A., M.D.	1863	(Deceased).
Jack, George G., M.D.	1886	
James, Charles, M.D.	1888	Sylvan.
James, Herbert J., M.D.	1893	Clayton.
James, Michael, M.D.	1887	Mattawa.
Jamieson, Alexander, B.A.	1863	(Deceased).
Jamieson, Alison, M.D.	1892	Wicklow.
Jamieson, Archibald, M.D.	1886	
Jamieson, David, M.D.	1888	Kars.
Jamieson, John, M.D.	1881	(Deceased).
Jamieson, Thomas J., M.D.	1888	Mountain.
Jardine, Robert, B.A., 1863; M.A., 1866; BD.	1886	Chicago.
Jarvis, Charles E., M.D.	1882	London.
*Jenkins, Ebenezer E., LL.D.	1889	London, England.
Jewett, Albert E., B.A.	1890	Campbellford.
*Johnson, Frederick W., B.A.	1886	Philadelphia.
Johnson, William, B.A., 1849; M.A.	1852	McLeod, N.W.T.
Johnston, Absalom, H. J., M.D.	1862	
Johnston, David A., M.D.	1881	(Deceased).
Johnston, Joshua R., B.A.	1882	Sydenham.
Johnston, John W., M.A.	1894	Athens.
Johnston, William J., M.D.	1891	Kingston.
Johnstone, David, M.D.	1868	Kincardine.

Name.	Date of Graduation.	Address.
Johnstone, William H., M.D.....	1889....	Tacoma, Wash. Ter.
Joly, Henry G. DeLotbiniere, LL.D.....	1894....	Lotbiniere.
Jones, Henry M., M.D.....	1866....	Marmora.
Jones, John, M.D.....	1874....	Kemptville.
Joy, Sylvanus, M.D.....	1857....	Tilsonburg.
Joynor, Noble P., M.D.....	1893	
Judson, George W., M.D.....	1879....	Lyn.
Kahkewaquonaby, M.D.....	1866....	Hagersville.
Kalbfleish, Frederick H., M.D.....	1888....	Neustadt.
Kay, William, M.A.....	1855....	(Deceased).
Kellock, David, M.D.....	1890....	Harrisville, N.Y.
Kellock, John D., M.D.....	1862....	Perth.
^{5, 17} Kellock, John McC., M.A.....	1892....	Morewood.
Kelly, David, M.D.....	1861....	(Deceased).
Kelly, Edward J., M.D.....	1861....	Ottawa.
Kelly, John J., B.A., 1888; M.D.....	1892....	Australia.
*Kelly, T. Webster, B.A.....	1886....	Caistorville.
*Kemp, Alexander F., LL.D.....	1871....	(Deceased).
Kemp, James A., M.D.....	1861....	(Deceased).
Kennedy, Alexander, M.D.....	1876....	Port Arthur.
Kennedy, Jacob B., M.D.....	1873	
Kennedy, John D., B.A.....	1885....	Pembroke.
Kennedy, John T., M.D.....	1891 ...	Fort McKavett, Tex.
Kennedy, Roderick, M.D.....	1863....	Bath.
Kennedy, William B., M.D.....	1878....	Chatenham.
Kertland, Edwin H., M.D.....	1865....	Toronto.
²⁴ Kidd, John F., M.D.....	1883....	Ottawa.
Kidd, Edward, M.D.....	1871....	Picton.
Kidd, Peter E., M.D.....	1878....	Midland City.
Kidd, William E., M.D.....	1891....	Chicago.
Kidd, William J., B.A.....	1887....	Ottawa.
⁸ Kilborn, Omar L., B.A., 1888 ; M.A., 1889; M.D.....	1889....	Shanghai, China.
Kilborn, Ronald, M.D.....	1879. .	Kingston.
Kincaid, Robert, M.D.....	1863....	Olympia, Oregon.
King, Francis, B.A., 1889; M.A....	1890....	Kingston.
King, William W., M.A....	1895....	Kingston.
Kingsford, William, C.E., LL.D...	1889....	Ottawa.
Kinsley, Patrick J., M.D.....	1894 ...	Wolfe Island.
Kirk, Fred. James, B.A., 1888 ; M.D.....	1892....	Kingston.
Kirkconnell, Thomas A., B.A.....	1894....	Port Hope.
Kirkpatrick, Charles S., B.A.....	1893....	Kingston.
Kirkpatrick, Francis G., B.A.....	1891....	Kingston.
Kirkpatrick, Hon. Geo. A., LL.D.....	1893 ...	Toronto.

(Lieut.-Governor, Ontario).

Name.	Date of Graduation.	Address.
Kirkpatrick, Herbert R., B.A.....	1895....	Kingston.
Knapp, Albert E., B.A.....	1895....	Elginburg.
¹² Knight, Archibald P., B.A., 1872; M.A.....	1874....	Kingston. (<i>Professor, Queen's University</i>).
Knight, John H., M.D.....	1880....	Wallaceburg.
*Knowles, Robert E., B.A.....	1892....	Ottawa.
Knox, Henry, M.D.....	1882....	Shawville, Que.
Koyl, Frederick T., M.D.....	1882....	Ada, Minn.
Koyl, Frank H., M.D.....	1888....	Brockville.
Kyle, Robert J. L., M.D.....	1895....	Morewood.
Kyle, William A., M.D.....	1885....	Manotic.
Lafferty, James, M.D.....	1871....	Calgary, Alberta.
Lafferty, William A., M.D.....	1879....	(Deceased).
Laidlaw, Alexander R., M.D.....	1857....	(Deceased).
*Laird, Robert, M.A.....	1893....	Sunbury.
Lake, Charles B., M.D.....	1866....	Ridgetown.
Lambert, Robert, M.D.....	1859....	Windsor.
Lamont, John, B.A.....	1890....	Toronto.
Lane, Isaac J., M.D.....	1886....	Mallorytown.
Lane, Joseph W., M.D.....	1875....	Mallorytown.
Lanfear, Henry O., M.D.....	1889....	Shannonville.
*Lang, George R., B.A.....	1885....	Wolfe Island.
¹² *Lang, Wm. A., B.A., 1873; M.A.....	1876....	(Deceased).
*Langill, Paul F., B.A.....	1881....	Vernon, B.C.
Lavell, Alfred E., B.A.....	1892....	Portsmouth.
Lavell, Cecil F., M.A.....	1894....	Portsmouth.
Lavell, Charles H., M.D.....	1873....	(Deceased).
Lavell, Harry A., B.A.....	1888....	Smith's Falls.
¹² Lavell, John R., B.A.....	1877....	Smith's Falls.
Lavell, Michael, M.D.....	1863....	Kingston. (<i>Emeritus Professor, Queen's University</i>).
Lavell, William A., M.D.....	1881....	(Deceased).
Lavers, Frank C., M.D.....	1891....	New Ross, N.S.
Lawlor, Michael, M.D.....	1857....	(Deceased).
Lawyer, Annie, M.D.....	1888....	Ottawa.
Leahy, Bernard J., M.D.....	1894....	Kingston.
Leask, Harry, B.A.....	1888....	Sudbury.
Leavitt, Arvin S., M.D.....	1869....	Toronto.
Leavitt, Minnie G., M.D.....	1893....	East Hatley, Que.
¹⁴ Lees, Richard, M.A.....	1891....	St. Thomas.
Leitch, James A., B.A.....	1892....	Renfrew.
Lennox, David, B.A.....	1861....	
Lent, Edwin J., M.D.....	1892....	Lakeville, Ind.
Leonard, Raymond A., M.D.....	1879....	Napanee.

Name.	Date of Graduation.	Address.
Lett, Ralph M., B.A.....	1889....	St. Thomas.
*Lewis, Lewis, B.A.....	1881....	Derby, Eng.
Lewis, Frederick W., M.D.....	1878....	Orangeville.
*Lindsay, John, B.A., 1852; M.A.....	1854....	(Deceased).
*Lindsay, Peter, B.A.....	1851...	Toronto.
⁴ *Linton, Adam R., B.A., 1881 ; B.D.....	1885....	Cooksville.
Litchfield, John P., M.D.....	1863....	(Deceased).
Little, William C., M.D.....	1889....	Dunboola, Australia.
*Livingston, John, B.A.....	1857....	(Deceased).
Livingstone, John S., M.D.....	1888....	(Deceased).
*Livingston, Peter S., B.A.....	1870....	(Deceased).
Livingstone, Marion, M.D.....	1887....	Kingston.
*Lochead, John S., B.A., 1861; M.A.....	1863...	North Gower.
Lochead, Lachlin T., B.A.....	1888....	Hamilton.
Locke, John A., M.D.....	1893....	Iroquois.
Lockhart, Alfred J., M.D.....	1892....	Harrowsmith.
Lockhart, George D., M.D.....	1890....	Mount Brydges.
Lockhart, Thomas J., M.A.....	1892....	Sydenham.
Lofthouse, Wm. O. R., M.D.....	1895....	Kingston, Jamaica.
^{1,18} Logie, William A., B.A., 1887; M.A., 1888; LL.B.....	1892....	Hamilton.
Lorne, Most Noble the Marquis of, LL.D.....	1879....	Inverary Castle, Scot.
Loudon, William (M.A.), LL.D....	1894....	Toronto. (<i>President, University College.</i>)
*Love, Andrew T., B.A.....	1878....	Quebec.
Lowe, George R., B.A.....	1895....	Ottawa.
Lunam, Henry, B.A.....	1877....	Campbellton, N.B.
Lynch, Dennis P., M.D.....	1878....	Almonte.
Lyon, Horatio V., B.A.....	1885....	Kingston.
Maybee, Curtis O., M.D.....	1888....	Odessa.
Mabee, James E., M.D.....	1887....	Odessa.
Machar, John M, B.A.....	1857....	Kingston.
Madden, John H., B.A....	1889....	Buffalo, N.Y.
Mahood, Perry, B.A.....	1889....	Kingston.
Mair, Alexander, B.A.....	1851....	Markham.
Malcolm, George, B.A.....	1894....	Stratford.
Malcolm, William G., M.D.....	1893....	Chesley.
Malloch, Archibald E., B.A. (M.D.).....	1862....	Hamilton.
Malloch, Edward G., B.A.....	1860....	Perth.
Malloch, George, B.A.....	1865....	Arnprior.
Malloch, George W., B.A.....	1850....	(Deceased).
Mallory, Charlie N., M.D.....	1860....	Escott.
Malone, Herbert V., B.A.....	1894....	Garden Island.

Name.	Date of Graduation.	Address.
*Mann, Alexander, M.D.....	1876 ...	(Deceased).
Mann, James, D.D.....	1869 ...	Renfrew.
Marcellus, Eathan H., M.D.....	1895 ...	Boucks Hill.
Mark, Robert, M.D.....	1867 ...	Ottawa.
Marquis, Thomas G., B.A.....	1889 ...	Stratford.
^{4, 13} Marshall, John, B.A., 1886; M.A.....	1889 ...	St. Thomas.
³ Marty, Alletta E., M.A.....	1894 ...	St. Thomas.
Mason, James W., B.A.....	1878 ...	(Deceased).
Massie, Agnes M., B.A.....	1895 ...	Kingston.
Massie, John, M.D.	1865 ...	(Deceased).
Masson, Thomas, M.D.	1875 ...	Cape Vincent.
Mather, William M., M.D.....	1886 ...	Tweed.
Matheson, Murdoch, M.D.....	1870 ...	Waverly, N.S.W.
Mattice, William D., B.A.....	1847 ...	(Deceased).
Mavety, Alexander C., M.D.....	1889 ...	Toledo, O.
Maxwell, William J., M.D.....	1888 ...	Castle Rock, Col.
May, John, B.A., 1857; M.A.....	1861 ...	Winnipeg.
Maybee, Millard, M.D.	1887 ...	Riverside, Cal.
Meacham, George P., M.D.....	1891 ...	Elginburg.
Meadows, R. W., M.D.....	1862 ...	H. M. Service.
Meagher, Daniel, M.D.....	1867 ...	Montreal.
*Meikle, William, B.A.	1881 ...	
Mellow, Samuel S., M.D.....	1886 ...	Bath.
Melleville, Edmond J., M.D.....	1892 ...	Bakersville, Vt.
Menish, Janet I., B.A.....	1895 ...	Brockville.
Menzies, Ralph D., B.A.....	1895 ...	Glen Tay.
Mercer, John G., M.D.....	1855 ...	(Deceased).
Merriman, Wellington H., M.D....	1895 ...	Latimer.
⁴ Miller, John, B.A., 1890; M.A....	1891 ...	Norwich, Ont.
Miller, John, B.A.....	1886 ...	Toronto.
Miller, John C. S., M.D.....	1890 ...	Seattle, Wash. Ter.
Miller, Lindsay F., M.D.....	1877 ...	Toronto.
Miller, Thomas, B.A.....	1852 ...	(Deceased).
Miller, Thomas, B.A., M.D.....	1854 ...	Hamilton.
*Milligan, George (D.D.), B.A....	1862 ...	Toronto.
Milliner, William S., M.D.....	1864 ...	Oswego, N.Y.
Mills, John H., B.A., 1889; M.A....	1890 ...	Athens.
*Mills, William G., B.A.	1885 ...	New Westmins'r, B.C.
*Milne, James W. H., B.A.....	1887 ...	Mansewood.
³ Minnes, Robert S., B.A., 1889;		
M.A., 1890; M.D.....	1893 ...	Kingston.
Minor, Silas, M.A.....	1865 ...	(Deceased).
Mitchell, Charles F., M.D.....	1890 ...	South Bend, Ind.
Mitchell, Elizabeth S., M.D.	1888 ...	Montreal.
² Mitchell, George W., B.A., 1885;		
M.A.....	1891 ...	Cobourg.

Name.	Date of Graduation.	Address.
Mitchell, Harry F., M.D.	1889....	South Bend, Ind.
Mitchell, Joel W., B.A.	1894....	Lansdowne.
⁸ Mitchell, Alfred S., M.A.	1894....	Kingston.
Moffatt, William, M.A.	1894....	Carleton Place.
Mooers, Henry F., B.A.	1895....	Kingston.
Moore, Andrew, M.D.	1863....	(Deceased).
*Moore, John, B.A.	1881....	Burnbrae.
Moore, John, M.D.	1891....	Plainfield.
Moore, James R., B.A.	1894. .	Brockville.
Moore, Thomas A., M.D.	1883....	Westville, N.S.
Moore, Vincent H., M.D.	1870....	Brockville.
Morden, Frederick W., M.D.	1894....	(Deceased).
Morden, Gilbert W., B.A.	1888....	Napanee.
Morden, James B., M.D.	1865....	Picton.
Morden, John H., M.D.	1859....	(Deceased).
Morden, Wilson S., B.A., 1888 ; LL.B.	1894 ..	Belleville.
Mordy, Alfred A., M.D.	1882....	Ashton.
*Mordy, John, B.A., 1875; M.A. ...	1878	
Morgan, Edward M., M.D.	1890....	New York.
Morris, Alexander C., B.A.	1882....	Toronto.
Morris, William, B.A.	1882....	Toronto,
*Morrison, Duncan, B.A., 1866 ; M.A.	1868....	(Deceased).
Morrison, Judge Duncan, B.A.	1862...	Owen Sound.
Mostyn, William, M.D.	1858....	(Deceased).
Mowat, Herbert M., B.A., 1881 ; LL.B.	1886....	Toronto.
*Mowat, John B., B.A., 1845; M.A.	1847....	Kingston.
<i>(Professor, Queen's University).</i>		
Mowat, Sir Oliver, LL.D.	1872....	Toronto.
Muckleston, John S., B.A.	1865....	Kingston.
Mudie, John, B.A.	1863....	Kingston.
Muir, James, B.A.	1861....	Calgary.
*Muir, James B., B.A., 1865; M.A.	1869....	Huntingdon, Q.
*Muir, James C., D.D.	1858....	(Deceased).
*Muir, Peter D., B.A.	1856....	(Deceased).
*Muirhead, John W., B.A.	1891....	Whitewood, Assa.
Muldrew, William H., B.A.	1894....	Orillia.
Mullan, Nathaniel S., B.A.	1885....	New York.
Mundell, David E., B.A., 1883 ; M.D.	1886....	Kingston.
<i>(Professor, Queen's University).</i>		
Mundell, John, M.D.	1886....	Kingston.
Mundell, William, B.A.	1875....	Kingston.

Name.	Date of Graduation.	Address.
Munro, David, M.D.....	1867....	Perth.
Munro, John C., M.D.....	1867....	South Finch.
Murphy, John B., M.D.....	1876....	Belleville.
Murphy, Joseph E., M.D.....	1893....	Newboro.
*Murray, Isaac, D.D.....	1876....	North Sydney, N.S.
*Murray, James, B.A., 1882; B.D.	1884....	Hamilton.
Murray, Janet, M.D.....	1891....	Rossmore.
*Murray, Robert C., B.A.....	1882....	(Deceased).
Murray, Minnie, M.A.....	1894....	Kingston.
Myers, Ambrose R., M.D.....	1894....	Forfar.
Macadam, Samuel J., M.D.....	1873....	Pembroke.
*Macalister, John, B.A.....	1865....	Iroquois.
Macarthur, James, B.A., 1875; M.D.	1878....	London.
Macarthur, Duncan, B.A.....	1878....	Ailsa Craig.
Macauley, W. B.T., B.A.....	1892....	Montreal.
*Macaulay, Evan, B.A.....	1864....	Crieff.
*Macdonald, Alexander, B.A.....	1861....	Napanee.
Macdonald, Alexander R., M.D....	1857....	Brighton.
*Macdonald, Clinton D., B.A.....	1886....	Kildonan, Man.
Macdonald, Colin, B.A.....	1855....	(Deceased).
*Macdonald, Donald, B.A.....	1854....	(Deceased).
*Macdonald, Duncan, B.A., 1859; M.A.....	1863....	Dundee, Que.
Macdonald, Herbert S., Judge, B.A. 1859; M.A.....	1861....	Brockville.
4 Macdonald, George, B.A., 1878; B.Sc.....	1878....	(Deceased).
Macdonald, Hugh N., M.D.....	1882....	Port Hawkesb'y, N.S.
Macdonald, Sir John A., LL.D....	1863....	(Deceased).
Macdonald, John A., M.D.....	1862....	Port Arthur.
Macdonald, Kenneth J., B.A.....	1894....	Big Harbour, N.S.
Macdonald, Nerva D., B.A.....	1894....	Kingston.
Macdonald, Patrick A., B.A.....	1876....	Winnipeg.
Macdonnell, Aeneas J., B.A.....	1884....	Morrisburg.
*Macdonnell, Daniel J. (B.D.), B.A. 1858; M.A.....	1860....	Toronto.
1, 2 Macdonnell, George F., M.A....	1893....	Toronto.
Macdonnell, George M., B.A.....	1860....	Kingston.
Macdonnell, J. A., M.D.....	1862....	
Macdonnell, John M., B.A.....	1868....	(Deceased).
*Macfarland, John F., B.A.....	1890....	South Mountain.
Macfarlane, Andrew K. H., B.A....	1888....	Tacoma, W.T.
Mackie, David H., M.D.....	1884....	Belleville.
*Mackenzie, Archibald A., B.A., 1877; B.Sc., 1877; M.A....	1888....	Long Creek, P.E.I.

Name.	Date of Graduation.	Address.
*Mackerras, John H., B.A., 1850;		
M.A.	1852....	(Deceased).
Maclean, Donald (M.D.), LL.D.	1893....	Detroit.
*Maclean, Matthew W., B.A., 1869;		
M.A.	1872....	Belleville.
*MacLennan, Alexander, B.A.	1857....	(Deceased).
MacLennan, Donald, B.A., 1848 .		
M.A.	1862	
MacLennan, Donald B., B.A., 1857;		
M.A., Q.C.	1861....	Cornwall.
MacLennan, Findlay M., B.A.	1879....	(Deceased).
MacLennan, Hon. Mr. Justice James,		
B.A., 1849; LL.D.	1885....	Toronto.
MacLennan, James J., B.A.	1887....	Toronto.
MacLennan, John, B.A., (Sheriff)..	1855....	Lindsay.
*MacLennan, Kenneth, B.A. 1849;		
M.A.	1868....	Levis, Que.
MacLennan, Roderick J., B.A.	1884....	Toronto.
*MacLennan, William, B.A., 1864;		
M.A.	1866....	(Deceased).
Macmillan, Duncan, B.A., Judge. 1857....		Cayuga.
*Macnab, Findlay F., B.A.	1859....	Arnprior.
*Macnaughton, James P., B.A.	1884....	Smyrna, Turkey.
Macnee, James H., B.A.	1885 ...	Kingston.
Macnee, Peter C., B.A.	1873....	Picton.
Macpherson, Alexander J., M.D. ...	1862....	(Deceased).
Macpherson, Henry, B.A.	1851....	(Deceased).
Macpherson, James P., B.A., 1857;		
M.A.	1865....	Ottawa.
*Macrae, Donald, D.D.	1880....	St. John, N.B.
*Macarthur, George, B.A.	1881....	Cardinal, O.
McArthur, John A., B.A.	1880....	Davenport, Wash. Ter.
McArthur, John H., B.A.	1895....	Ottawa.
*McAulay, Alexander, B.A.	1883....	Pikering.
McBain, Alexander, B.A., 1860 ;		
M.A.	1862....	(Deceased).
McBean, Alexander G., B.A.	1865....	Montreal.
McBroom, James A., M.D.	1895....	Washburn.
McCaig, James, (B.A.), LL.B.	1895....	Prescott.
7 McCallum, Archibald B., B.A.,		
1880; M.A.	1881....	Paisley.
McCammon, C. G., M.D.	1884....	(Deceased).
McCammon, Fred. J., B.A., 1889;		
M.D.	1892....	New York.
McCammon, James, M.D.	1863....	(Deceased).

Name.	Date of Graduation.	Address.
McCammon, James A., M.D.....	1879....	Gananoque.
McCammon, Samuel H., M.D.....	1888....	Kansas City.
*McCannell, Donald, B.A.....	1878....	(Deceased).
McCardel, Edward J., M.D.....	1886	
*McCaul, James, B.A.....	1859 ...	Toronto.
11McClement, William T., B.A., 1888; M.A.....	1889....	London.
McColl, Allan E., B.A., 1885; M.D.	1891....	Belleville.
*McColl, Evan C. W., B.A.....	1886....	Bigham, Que.
McColl, James A., M.A.....	1895....	Campbellford.
McConnell, Benjamin J., M.D....	1881....	Morden, Man.
McConville, Isobel, M.D....	1889....	Kingston.
McCormack, Joseph, B.A.....	1879....	Williamstown.
McCraken, John I., B.A.....	1874....	Ottawa.
McCreary, Robert N., M.A.....	1895....	Carleton Place.
McCuaig, Herbert M., B.A.....	1884....	Welland.
McCuaig, John A.E., M.D.....	1891....	Providence, R.I.
McCulloch, Andrew, B.A., 1871; M.A.....	1874....	Port Arthur.
McCullough, Thomas P., M.D....	1888....	Dundalk.
McCullough, William S., M.D....	1875....	(Deceased).
McCutcheon, William C., M.D....	1894. ..	Seeley's Bay.
McDonald. Charles (V.P.A.S.E.), LL.D.....	1894....	New York.
McDonald, Hugh S., B.A., 1891; M.D.....	1895....	Kingston.
2 McDonald, James, M.A.....	1892....	Picton.
*McDonald, John A., B.A.....	1888	
McDonnell, Hector, M.D.....	1893....	(Deceased).
McDougall, Colin A., B.A....	1895....	St. Thomas.
McDowall, Charles, B.A.....	1877....	Renfrew.
McDowell, James A., B.A.....	1867....	Sarnia.
McEwen, Alex. D., M.D.....	1895....	Hulbert.
*McEwen, James, B.A., 1852; M.A.	1854....	Hamilton.
McEwen, Ewen, M.D.....	1887....	Franktown.
McEwen, John, B.A.....	1887...	Franktown.
McGhie, George S., M.D.....	1883....	Elgin.
*McGillivray, Alexander, D.D....	1858....	(Deceased).
8 McGillivray, Alice, M.D....	1884....	Chicago.
*McGillivray, Daniel, B.A....	1864....	Lunenburg, N.S.
McGillivray, Farquhar, B.A.....	1852....	Ottawa.
*McGillivray, Malcolm, B.A., 1872; M.A.....	1874....	Kingston.
McGillivray, Neil J., B.A.....	1848....	(Deceased).
McGillivray, T. Shannon, M.D....	1888....	Hamilton.

Name.	Date of Graduation.	Address.
McGrath, Edward, M.D.....	1888....	Campbellford.
McGrath, George, M.D.....	1893....	Campbellford.
McGrath, Michael E., M.D.....	1889....	Cook City, Ill.
McGregor, Peter C., B.A.....	1866....	Almonte.
*McGregor, P. G., D.D.....	1876....	(Deceased).
¹² McGuire, Thomas H., B.A., Judge.	1870....	Prince Albert, Sask.
²³ McGuirl, Thomas H., B.A.....	1886....	Ottawa.
McGurn, Joseph S., M.D.....	1881....	(Deceased).
McInnes, John A., B.A.....	1895....	Vankleek Hill.
³ McIntosh, James W., B.A., 1893; M.A.....	1894....	Oakwood.
McIntosh, William D., B.A.....	1892....	Toronto.
¹² McIntyre, Donald M., B.A.....	1874....	Kingston.
McIntyre, Duncan, M.D.....	1864....	Glencoe.
McIntyre, John, B.A.....	1847....	(Deceased).
McIntyre, John, B.A., 1861; M.A..	1872....	Kingston.
McKay, Donald G., B.A.....	1865....	(Deceased).
*McKay, George L., D.D.....	1880....	Tamsui, Formosa.
McKay, John, B.A.....	1888....	Sault St. Marie.
^{12, 20} McKay, Matthew W., B.A..	1879....	Pembroke.
*McKay, Roderick, B.A., 1881; B.D.	1886....	Hemmingford, Que.
*McKay, William E., B.A.....	1856....	(Deceased).
*McKee, William, B.A.....	1872....	Alliston.
McKellar, Dugald, M.D.....	1855....	(Deceased).
McKellar, Margaret, M.D.....	1890....	Neemuch, India. (<i>Medical Missionary</i>).
McKenty, James, M.D.....	1890....	Neché, Dakota.
McKenzie, Andrew, M.D.....	1862....	(Deceased).
*McKenzie, Archibald, B.A., 1888; B.D.....	1892....	Cardston, Alta.
McKenzie, Edward, M.D.....	1860....	Smith's Falls.
McKenzie, John A., B.A. (Judge)..	1856....	Sarnia.
⁴ McKenzie, Malcolm, B.A., 1887; M.A.....	1894....	McLeod, Alta.
McKeown, Henry A., M.D.....	1895....	Belleville.
McKinnon, Alex. D., B.A.....	1894....	Lake Ainslie, C.B.
McKinnon, John, B.A.....	1894....	Strathlorne, C.B.
*McKinnon, Malcolm, B.A.....	1885....	Fenelon Falls.
*McKinnon, John, B.A., 1886; M.A., 1889; B.D.....	1889....	Springbank.
McKillop, Alexander, B.A.....	1877....	Montreal.
*McKillop, Charles, B.A.....	1875....	Lethbridge, N.W.T.
McKillop, James T., M.D.....	1889....	Beachburg.
*McLachlin, Alexander, B.A.....	1884....	Tarsus, Turkey.
McLaughlin, Edward, M.D.....	1886....	Morrisburg.

Name.	Date of Graduation.	Address.
McLaren, Alexander, M.D.....	1865....	Lancaster.
*McLaren, Ebenezer, D., B.A., 1870; M.A., 1873; B.D.....	1873....	Vancouver, B.C.
McLaren, James, B.A.....	1850....	Nelson, O.
McLaren, John, B.A.....	1860 ...	(Deceased).
¹² McLaren, John Brown, B.A., 1876; M.A.....	1878....	Morden, Man.
McLaren, Peter, B.A.....	1854....	(Deceased).
McLaren, Peter, LL.D.....	1868....	(Deceased).
McLaren, Peter, B.A.....	1866....	Orms town.
*McLaren, William, D.D.....	1883....	Toronto. (Professor, Knox College).
*McLean, Alexander, B.A.....	1878....	(Deceased).
McLean, Caird R., M.D.....	1859 ...	Meaford.
*McLean, Donald J., B.A.....	1855....	Arnprior.
McLean, Ernest H., M.D.....	1891 ...	Calgary.
*McLean, James M., B.A.....	1887....	Blakeney.
McLean, James R., B.A.....	1894....	Arnprior.
McLean, Lauchlin H., B.A.....	1894 ...	Strathlorne, C.B.
McLean, Solomon C., M.D.....	1874....	Spencerville.
McLean, Thomas F., M.D.....	1863....	Goderich.
McLellan, James A., M.D.....	1891....	Economy, N.S.
*McLennan, Alex. K., B.A., 1891; B.D.....	1894....	Dalhousie Mills.
McLennan, Alexander S., M.D....	1873....	Chicago.
McLennan, Duncan N., M.D.....	1891....	Port Hope.
⁶ McLeod, Alexander, B.A.....	1883....	Winnipeg.
McLeod, J. A. F., Hon. Mr. Justice, B.A.....	1854....	(Deceased).
*McLeod, John, B.A.....	1883....	Vankleek Hill.
^{4, 7, 15, 17} *McLeod, Peter A., B.A., 1887, M.A., 1890; B.D....	1892....	Sonya.
McMahon, James, M.D.....	1873....	Texarkana, Texas.
McManus, Emily, M.A.....	1894....	Bath.
McMillan, Hugh H., B.A.....	1880....	Dakota.
*McMillan, J., B.A., 1862; B.D....	1865....	Halifax.
*McMoline, John, D.D.....	1865....	(Deceased).
*McMoline, John K., B.A., 1859; M.A.....	1863....	Kingston.
*McMoline, Samuel, B.A., 1865; M.A.....	1872....	Portage La Prairie.
McMullen, Andrew J., B.A.....	1893....	Cowal.
McMurchy, Archibald, M.D.....	1883....	Chapleau, Algoma.
McMurchy, Archibald, B.A....	1875....	Nipissing.
McNichol, Eugene C., M.D.....	1877....	Cobourg.

Name.	Date of Graduation.	Address.
*McPhayden, Hugh, B.A.....	1881....	Manilla.
McPhayden, Murdoch, M.D.....	1880....	Mount Forest.
*McPhail, Donald G., B.A.....	1889....	Picton.
*McPherson, Neil, B.A., 1889; M.A., 1891; B.D.....	1894....	Petrolia.
McPherson, Norman A., B.A.....	1889....	Ogdensburg.
McPherson, Wallace A., B.A.....	1891....	Denver, Col.
McPherson, William A. A., M.D..	1891....	Prescott.
McRae, Thomas W. R., B.A.....	1886....	Belleville.
*McTavish, Alexander, B.A.....	1881....	Chater, Man.
6, 17, 20, 24*McTavish, D., B.A., 1881; M.A., 1882; D.Sc.....	1885...	Toronto.
McTavish, Duncan B., B.A., 1870; M.A.....	1873....	Ottawa.
*McQuarrie, Alexander R., B.A...	1862....	Burlington, Vt.
McVety, Albert F., M.D.....	1886....	Toledo, Ohio.
*Nairn, Robert, B.A.....	1879....	Rat Portage.
*Neill, Robert, D.D.....	1872....	(Deceased).
*Nelles, Samuel S., D.D.....	1861....	(Deceased).
Neish, James, M.D.....	1865....	Kingston, Jamaica.
Neish, George J., M.D.....	1890....	Bath, Jamaica.
Neish, William D., M.D.....	1887...	Old Harbor, Jamaica.
Nesbit, Edward, M.D.....	1868....	(Deceased).
Newlands, George, M.D.....	1879....	Seattle, U.S.
Newlands, Isaac, B.A.....	1884....	Buffalo, N.Y.
Newman, George E., B.A.....	1891....	Dutton.
Newton, John, M.D.....	1866....	Deseronto.
Nichol, James, M.D.....	1863....	(Deceased).
*Nicholson, Alex. B., B.A.....	1867....	Kingston.
<i>(Assistant Professor and Lecturer, Queen's University).</i>		
Nicol, Jennie (McKelvey), B.A.....	1893....	(Deceased).
8, 11, 14, 23Nicol, William, B.A., 1883; M.A.....	1889...	Kingston.
<i>(Professor, Mining School).</i>		
Nickle, William F., B.A.....	1892....	Toronto.
*Nimmo, John H., B.A., 1867; M.D.	1886....	Brockville.
Nesbit, David A., B.A.....	1892...	Newburg.
*Nish, James, D.D.....	1880....	(Deceased).
*Niven, David P., B.A.....	1867....	St. Catharines.
Noel, John V., B.A.....	1863...	(Deceased).
Norris, Isaac T., B.A.....	1894....	Staffa.
⁸ Norris, James, M.A.....	1893....	Kincardine.
Northmore, Harold S., M.D.....	1889....	Bath.
Nugent, Andrew, B.A.....	1876....	Ottawa.
O'Connor, Charles, B.A.....	1890....	Ottawa.

Name.	Date of Graduation.	Address.
Odell, Henrietta, B.A.....	1895....	Belmont
Odlum, John, M.D.....	1880....	Sparta.
Ogilvie, Nettie, M.D.....	1888....	Kingston, Jamaica.
O'Hara, Margaret, M.D.....	1891....	Indore, India.
<i>(Medical Missionary).</i>		
Oldham, Edmund, M.D.....	1881....	Chatsworth.
Oldham, John H., M.D.....	1891....	Yarker.
Oliver, Alfred S., M.D.....	1863....	Kingston.
Oliver, John K., M.D.....	1868....	(Deceased).
Oliver, Marion, M.D.....	1886....	Indore, India.
<i>(Medical Missionary).</i>		
O'Loughlin, Robert S., B.A., 1865;		
M.A.....	1874 ...	New York.
O'Neil, Thomas, M.D.....	1888....	(Deceased).
O'Reilly, Anthony, M.D.....	1861....	(Deceased).
⁶ O'Reilly, James R., B.A....	1882....	Prescott.
O'Rourke, Thos. A. (B.A.), LL.B.	1895....	Trenton.
O'Shea, James F., M.D.....	1881....	Campbellford
O'Shea, James, B.A.....	1891....	Kingston.
O'Sullivan, John, M.D.....	1868 ...	(Deceased).
*Oxley, Malcolm S., B.A.....	1878 ...	Montreal.
Page, Thomas A., M.D.....	1883....	Brockville.
² Parker, Frank R., B.A.....	1887....	Orangeville.
Parker, Mabel, B.A.....	1895....	Stirling.
Parker, Robert, M.D....	1861....	Stirling.
Parlow, Allan B., M.D....	1894....	Iroquois.
Parmalee, George W., B.A.....	1889....	Quebec.
Patterson, James A., M.D....	1889....	Port Elgin.
Patteson, Richard L., MD....	1885....	Langford.
*Patterson, Andrew, B.A.....	1884....	Pakenham.
Patterson, James R., M.D.....	1867....	Port Elgin.
*Patterson, Gilbert C., B.A., 1878;		
M.A.....	1880....	Embro.
Patterson, John M., M.D.....	1890....	Okeowa, Neb.
^{3, 13} Patterson, William J., B.A....	1888....	Carleton Place.
^{4, 7} Peacock, Edward R., M.A....	1894....	Toronto.
^{5, 25, 4, 7} Peck, W. Wallace, M.A.,		
1894; LL.B.....	1894....	Toronto.
Perault, Julien, M.D.....	1857....	San Francisco, Cal.
*Perrin, Louis, B.A.....	1884....	Georgetown.
*Phalen, Ronald M., B.A....	1889....	Cartwright.
Phelan, Daniel, M.D.....	1877....	Kingston.
Phelan, Leopold, (B.A.), M.D....	1890....	Kingston.
Pilkey, Peter J., B.A.....	1895 ...	Galt.
Pirie, Alexander F., M.D.....	1887....	Cartago, Costa Rica.

Name.	Date of Graduation.	Address.
Pirie, Edwin, B.A.....	1888....	Dundas.
Pirie, Henry H., B.A., 1887; M.D.	1890....	Cartago, Costa Rica.
Pitblado, Colin, M.D.....	1886	
*Pollock, Peter M., B.A.....	1881....	Scotland.
*Pollok, Allan, D.D.....	1876....	Halifax.
<i>(Professor, Theological Hall).</i>		
Pope, Egerton L., B.A.....	1895....	Belleville.
Pope, Frederick J., M.A.....	1891....	Stratford.
Pope, Stephen D., B.A., 1861;		
LL.D.....	1890....	Victoria, B.C.
*Potter, James G., B.A.....	1891....	Toronto.
Potter, Levi, M.D.....	1870....	Enniskillen.
Potter, Samuel, M.D.....	1875....	(Deceased).
Potter, Thomas, M.D.....	1876....	Ottawa.
Powell, George K., B.A.....	1891....	Toronto.
Pratt, William F., M.D.....	1888....	Carleton Place.
Pratt, Wilton, M.D.....	1888....	Toledo.
Preston, Richard F., M.D., M.P.P.	1875....	Carleton Place.
Preston, Robert H., M.D.....	1864....	Newboro.
Price, Cornelius V., LL.B., Judge.	1863....	Kingston.
Price, Robinson B., M.D.....	1866....	Bath.
*Pringle, John, B.A.....	1875....	St. Paul.
Pringle, Robert H., B.A.....	1882....	Brampton.
Purdy, Alvanley N., M.B.....	1873....	Dunlop, Texas.
Purdy, Charles W., M.D.....	1869....	Chicago.
Purdy, Victor M., B.A.....	1894....	Cannington.
Ramsay, Robert, M.D.....	1861....	(Deceased).
Rand, Silas T., LL.D.....		Hantsport, N.S.
Raney, Wesley H., B.A.....	1895....	Island Brook, Que.
Rankin, William H., M.D.....	1889....	Brooklyn, N.Y.
Ranstead, William, M.D.....	1887....	Ottawa.
Rathbun, Herbert B., B.A.....	1883....	Deseronto.
¹³ *Ratray, James, B.A.....	1887....	Eganville.
Raymond, C. Nelson, M.D.....	1891....	Kingston.
*Reddon, John A., B.A.....	1889....	Moosomin, Assa.
Redmond, Robert C., B.A.....	1895....	Lansdowne.
Reeve, Richard A., M.D.....	1865....	Toronto.
Reeve, Henry H., M.D.....	1880....	Almonte.
Reeve, John L., M.D.....	1882....	Clinton.
Reid, Etta A., M.A.....	1892....	Queen's College.
Reid, John D., M.D., M.P.....	1890....	Cardinal.
*Reid, William, D.D.....	1876....	Toronto.
Reid, William D., M.D.....	1880....	Barre, Vt.
Reilly, Adrian, M.D.....	1862....	Welland.
*Renaud, Allen C., B.A.....	1864....	Montreal.

Name.	Date of Graduation.	Address.
Reynolds, Helen E., (Ryan), M.D....	1885....	Sudbury.
Richardson, William W., B.A.....	1893....	Brockville.
Rigney, Timothy, J., B.A.....	1895....	Kingston.
Ritchie, George, B.A., 1878; B.Sc.	1878....	Toronto.
Robertson, Alexander C., M.D....	1893....	Campbellford.
Robertson, Donald M., B.A.....	1886....	Toronto.
Robertson, John W., M.D.....	1888....	Hopewell, N.S.
Robertson, Miles S., B.A.....	1884....	Violet.
Robertson, Struan G., B.A.....	1891....	Hopewell, N.S.
Robinson, Andrew, M.D.....	1889....	Kalamazoo, Mich.
Robinson, Andrew, M.D.....	1895....	Kingston.
Robinson, Edward B., M.D.....	1891....	Rodney, Iowa.
Robinson, Robert P., M.D.....	1888....	Carleton Place.
Robinson, Robert R., M.D.....	1892....	Albarni, B.C.
Roche, William P., M.D.....	1860....	(Deceased).
Rockwell, Albert, M.D.....	1868....	Frankfort.
Rockwell, Ashbel S., M.D.....	1872....	Rochester, N.Y.
Rogers, James C., B.A.....	1894....	Picton.
Rogers, R. Vashon, B.A., 1861 ; LL.D.....	.....1895....	Kingston.
Rogers, David H., M.D.....	.....1881....	Gananoque.
*Rollins, James, B.A.....	.....1895....	Cooper.
Rollo, James, B.A.....	.....1852....	Toronto.
*Romanes, George, LL.D.....	.....1866....	(Deceased).
Roose, E. C. Robson, LL.D.....	.....1889....	London, Eng.
Rose, George R., B.A., 1856; M.D.	1860....	(Deceased).
Ross, Alex. H.D., B.A., 1888; M.A.	1889....	Morrisburg.
Ross, Arthur E., B.A.....	.....1892....	Cobden.
*Ross, Donald, B.A., 1860 ; M.A., 1862; B.D.....	.....1863....	Kingston. (Professor, Queen's University).
Ross, George S., B.A.....	.....1856	
*Ross, James, D.D.....	.....1864....	(Deceased).
*Ross, James, B.A., 1878 ; M.A., 1881; B.D.....	.....1881....	(Montreal. Professor, Presbyterian College).
Ross, John Reid, B.A.....	.....1862....	
Ross, Thomas K., M.D.....	.....1863 ..	Fredonia, N.Y.
*Ross, Walter, B.A., 1859; M.A...	1862....	(Deceased).
Ross, William A., B.A., Judge....	1855....	Ottawa.
Rothwell, William, B.A.....	.....1881....	
Rourke, Francis, M.D.....	.....1872....	Dublin, Ont.
Rowse, Mark R., B.A.....	.....1870....	Bath.
Roy, Henry, M.D.....	.....1885....	Chisholm.
Russell, Donald G., M.D.....	.....1885....	Mankato, Man.

Name.	Date of Graduation.	Address.
Russell, E. Howard, B.A.....	1889....	British Columbia.
Russell, Jean McG., B.A.....	1894....	Arnprior.
Russell, Samuel, B.A.....	1882....	Deseronto.
Ruttan, Franklin S., M.D.....	1893....	Wolfe Island.
Ruttan, Joseph B., M.D.....	1863....	Wellington.
Rutherford, David B., M.D....	1882....	Salt Lake City.
Rutherford, James, M.D.....	1870....	Orono.
Ryan, Clara, M.D.....	1893....	
Ryan, Edward, B.A., 1886; M.D.	1889....	Kingston.
<i>(Professor, Queen's University).</i>		
Ryan, Michael D., M.D.....	1891....	Oates.
Ryerson, S. Edward, M.A.....	1895....	Orillia.
Sands, Ernest, M.D.....	1889....	Sunbury.
Sands, William W., M.D.....	1894....	Sunbury.
Saunders, Herbert J., M.D.....	1869....	Kingston.
<i>(Professor, Queen's University).</i>		
Saunders, Lawrence, M.D.....	1868....	(Deceased).
Sayers, Alexander, M.D....	1870....	Marion, N.Y.
Scales, Thomas, B.A., 1878; M.D.	1887....	(Deceased).
Schultz, Hon. John C., (M.D),		
LL.D.....	1894....	Winnipeg.
<i>(Lieut. Governor, Manitoba).</i>		
*Scott, Alexander H., B.A., 1875;		
M.A.....	1878....	Perth.
⁸ Scott, Colin A., B.A.....	1885....	Worcester, Mass.
*Scott, Marcus, B.A.....	1893....	Detroit.
Scott, Patrick J., M.D.....	1888....	Southampton.
Scott, Thomas B., B.A., 1888; M.D.	1892....	Jaffna, Ceylon.
<i>(Medical Missionary).</i>		
Scott, Thomas S., B.A.....	1894....	Glenmorris.
Scott, Thomas R., B.A.....	1888....	Almeda, N.W.T.
Scott, William J., M.D.....	1891....	Lanark.
Scott, William S., M.D.....	1855....	Southampton.
Scovill, Simmons S. S., M.D.....	1877....	Rat Portage.
Seagar, James, M.D.....	1894....	Ottawa.
Searls, Abraham W., M.D....	1864....	(Deceased).
*Sedgwick, Robert, D.D.....	1878....	(Deceased).
Shannon, John R., B.A., 1885; M.D.	1890....	New York.
Shannon, Lewis W., B.A.....	1877....	Kingston.
Shannon, Robert W., B.A., 1875;		
M.A.....	1879....	Ottawa.
⁴ *Sharp, John, M.A.....	1892....	McDougall.
Shaw, John M., B.A., 1883; M.D.	1886....	Lansdowne.
Shaw, Robert, B.A.....	1873....	Kingston.
Shenick, Adeline (B.Sc.), B.A....	1891....	Ottawa.

Name.	Date of Graduation.	Address.
*Sheraton, James P., D.D.....	1882....	Toronto. (<i>President, Wycliffe College</i>).
⁶ Shibley, Henry T., B.A.....	1881	
Shibley, Laura, B.A.....	1890....	Kingston.
Shier, James, B.A.....	1862	
Shirley, Joseph W., M.D.....	1863....	Watford.
^{4, 13, 22} Shortt, Adam, B.A., 1883 ; M.A.	1884....	Kingston. (<i>Professor and Librarian, Queen's University</i>).
Shortt, James S., B.A.....	1894....	Calgary.
^{8, 11} Shorey, Edmund C., B.A., 1886; M.A.	1887....	Kohala, Hawaii.
Shurie, Josiah S., B.A.....	1889....	Toronto.
*Sieveright, James, B.A.....	1855....	Huntsville.
Sieveright, James A., M.D.....	1870...	(Deceased).
Sills, William R., M.A.	1895....	Napanee.
Simpson, James, B.A.....	1864....	Bay City, Mich.
⁴ *Sinclair, John A., M.A.....	1890....	Spencerville.
*Sinclair, Robert C.H., B.A.....	1888....	Elmsley, Ont.
Skimin, Nellie St. G., M.D.....	1892...	Hamilton.
Skinner, Henry, M.D.....	1862....	(Deceased).
Skinner, John S., B.A.....	1883....	Kingston.
Smellie, Donald McK., M.D.....	1888....	Madoc.
*Smellie, George, D.D... ..	1885....	Toronto.
Smellie, James F., B.A.....	1890....	Ottawa.
Smith, Alexander L., B.A.....	1883....	Alexandria.
Smith, Annie, B.A.....	1894 ...	Garden Island.
Smith-Shortt, Elizabeth, M.D....	1884....	Kingston.
Smith, Frederick B., MD... ..	1886....	Watertown, N.Y.
Smith, George, M.D.....	1858....	(Deceased).
Smith, George H. W., M.D.	1892...	Sydney, N.S.W.
Smith, Gordon J., B.A.....	1886....	Paris.
*Smith, James C., B.A., 1861 ; M.A., 1863; B.D.	1880....	Guelph.
*Smith, James F., M.D.....	1888....	Tientsin, China. (<i>Medical Missionary</i>).
Smith, James H., M.A.....	1893....	Ridgetown.
Smith, John R., M.D.....	1863....	(Deceased).
Smith, Ralph G., M.D.....	1893....	Oakland, Iowa.
Smith, Robert A., M.D.....	1883....	Evans Mills, N.Y.
*Smyth, William J., B.A.....	1881....	Montreal.
³ Snell, Joseph, M.A.....	1890....	Elora.
Snider, Elias T., M.D.....	1889....	Cataraqui.
Snider, Samuel H., M.D.....	1881....	Carman, Man.
Snook, Marcus S., B.A.....	1881....	(Deceased).
*Snowdon, John M., B.A.....	1885....	Ottawa.

Name.	Date of Graduation.	Address.
Somerville, James A., B.A., 1858; M.D.....	1866....	Menamane, Mich.
*Somerville, James H., B.A.....	1881....	Norwood.
Spafford, H. W., M.D.....	1855....	(Deceased).
²⁴ Spankie, Wm., B.A., 1862; M.D.....	1885....	Wolfe Island.
Spankie, James E., M.D.....	1891....	Kingston.
Sparham, George S., M.D.....	1859....	Kemptville.
Spear, Hugh, M.D.....	1873....	Toronto.
*Spence, Alexander, D.D.....	1864....	(Deceased).
Spencer, Henry, M.D.....	1862....	(Deceased).
Spooner, George D., M.D.....	1860....	(Deceased).
Spooner, Hiram R., M.D.....	1869....	(Deceased).
Spooner, Margaret M., B.A.....	1886....	Cornwall.
Sproat, Alexander, B.A.....	1853....	(Deceased).
*Sproul, Nathaniel J., B.A.,.....	1891....	Manchester, N. Y.
Squire, George H., B.A.....	1893....	Kingston.
Squire, Wm. W., B.A., 1854; M.A. 1864....	(Deceased).	
Stanley, Right Hon., Earl Derby, LL.D.....	1889....	England.
Staples, Louis E., M.A.....	1895....	Kingston.
*Steele, Jacob, B.A., 1883; B.D....	1889....	Massawippi, Que.
Stevens, Nathaniel T., M.D.....	1892....	Athens.
Stevenson, Alexander J., B.A.....	1882....	Minden.
Stevenson, John A., M.D.....	1894....	Stella.
*Stevenson, John F., D.D.....	1880....	(Deceased).
Stewart, Alexander, M.D.....	1889....	N. Dakota.
Stewart, Alexander J., M.D.....	1869....	Angus.
Stewart, Daniel W., B.A.....	1884....	Renfrew.
Stewart, George G., M.D.....	1895....	Elmside, Que.
⁶ Stewart, James, M.A.....	1894....	Douglas.
⁸ Stewart, James A., M.A.....	1892....	Renfrew.
Stewart, John M., M.D.....	1882....	Chesley.
³ Stewart, William, B.A.....	1879....	Toronto.
Stirling, James A., M.D.....	1885....	Pictou.
Stirling, John E., M.D.....	1884....	
Storms, Douglas G., M.D.....	1886....	Hamilton.
Stowell, Olmsby O., M.D.....	1869....	Madoc.
*Strachan, Daniel, B.A.....	1889....	Hespeler.
Strange, John, B.A., 1877; LL.B....	1883....	Kingston.
*Stuart, James G., B.A.....	1876....	London.
Stuart, Irwin, B.A.....	1870....	(Deceased).
Stuart, Wm. A., B.A., 1888; M.D....	1891....	Bainsville.
*Sturgeon, Robert J., B.A.....	1887....	Waubushene.
Sullivan, D.V., B.A., 1890; M.D....	1892....	Kingston.
Sullivan, Hon. Michael, M.D.....	1858....	Kingston.

(Professor, Queen's University).

Name.	Date of Graduation.	Address.
Sullivan, Thomas, M.D.....	1863....	(Deceased).
Sullivan, William, B.A.....	1862....	Kingston.
Sutherland, Robert, B.A.....	1852....	(Deceased).
Sweetland, John, M.D.....	1858....	Ottawa.
Switzer, Wilson I., M.D.....	1862....	(Deceased).
Symington, Thomas J., M.D.....	1881....	Camlachie.
Tarbell, Horace S., B.A.....	1862....	
Tassie, William, LL.D.....	1871....	(Deceased).
Taylor, James, M.D.....	1864....	Tara.
Taylor, John A., B.A.....	1892....	Pickering.
Taylor, William F., M.D.....	1861....	Brisbane, Queensla'd
Theal, George McC., LL.D.....	1895....	Cape Town, Africa.
Thibodo, Augustus J., B.A., 1851:		
M.A.	1854	Prescott, Arizona.
Thibodo, Oliver, M.D.....	1857....	Phoenix, Arizona.
Thibodo, Robert, B.A., 1862; M.D.	1862....	
Thibodo, Wm. B., B.A., 1862; M.A.	1865....	Rat Portage.
Thirkell, William G., M.D.....	1861....	Sodus, N. Y.
Tillman, Herbert A., M.D.....	1895....	Kingston, Jamaica.
Tillman, Harry G., M.D.....	1889....	Kingston, Jamaica.
Thompson, Hiram B., M.D.....	1888....	Barrie.
*Thompson, George, B.A.....	1863....	Scotland.
*Thompson, George M., B.A.	1878....	Glasgow, Scotland.
Thompson, John, B.A.....	1855....	(Deceased).
*Thompson, John R., B.A., 1865;		
M.A.....	1868....	Vancouver, Wash. T.
Thompson, Maggie J., B.A.....	1894....	Almonte.
Thompson, William B., M.D.....	1892....	New York.
Thompson, William McC., B.A....	1888....	Dunbar, N.S.
Thorburn, John, LL.D.....	1880....	Ottawa.
Thorne, Stephen H., M.D.....	1887....	Brighton.
Thornton, Thomas H., M.D.....	1870....	Consecon.
Thornton, William H., M.D.....	1864....	(Deceased).
Todd, Alpheus (C.M.G.), LL.D....	1881....	(Deceased).
Todd, Samuel G., M.D.....	1890....	Woodland, Ind.
Townsend, Harland W., B.A.....	1887....	Granby, Que.
Tracey, Robert, M.D.....	1862....	Belleville.
Tracey, Thomas B., M.D.....	1865....	(Deceased).
Trousdale, James D., M.D.	1860....	(Deceased).
Turnbull, Agnes M., M.D.....	1892....	Montreal.
Turner, John B., B.A.....	1889....	Hamilton.
Tuttle, Henry E., M.D.	1892....	Iroquois.
Tuttle, Leslie, M.D.....	1875....	Tweed.
*Ure, Robert, D.D.....	1876....	Goderich.
Valleau, Archibald J., M.D.....	1891....	Wilcott, Vt.
Valleau, George Z., M.D.....	1867....	

Name.	Date of Graduation.	Address.
Van Allan, John R., M.D.....	1871....	Kansas City.
Van Vlack, Gilbert J., M.D.....	1869....	(Deceased).
Waddell, W. H., M.D.....	1880....	
Wade, Robert J., M.D.....	1888....	Trenton.
Wade, William R., M.D.....	1888....	Trenton.
Wafer, Francis M., M.D.....	1867....	(Deceased)
Walkem, William W., M.D.....	1873....	Nanaimo, B.C.
Walker, Allen H., M.D.....	1867....	Toronto.
Walker, Archibald D., M.D.....	1888....	Belleville.
Walker, Hattie A., M.D.....	1890....	Kingston.
*Walker, James, B.A.....	1894....	Crumpsall, Eng.
Walker, Stanley R., M.D.....	1889....	Papineau, Ill.
14, 9 Walker, Thomas L., M.A.....	1890....	Kingston.
Walkinshaw, William, B.A., 1890; M.D.....	1893....	Stillwell, Ind.
*Wallace, Alexander, B.A.....	1847....	(Deceased).
Wallace, David, M.D.....	1881....	Metcalfe, Ont.
Wallbridge, Asa F., B.A....	1854....	Newcastle.
Ward, G. C. Tremaine, M.D....	1879....	Napanee.
Wardlaw, James S., M.D....	1888....	Galt.
*Wardrope, Thomas, D.D.....	1878....	Guelph.
Warner, Albert F., M.D.....	1887....	Napanee.
Wartman, Philander G., M.D....	1864....	(Deceased).
Waters, John F., B.A.....	1884....	Ottawa.
Watson, Andrew, B.A.....	1861....	Lucknow.
Watson, Charles V., M.D.....	1863....	Wellington.
*Watson, David, B.A., 1850; M.A. 1852; D.D.....	1886....	Beaverton.
Watson, Donald, B.A.....	1851....	(Deceased).
Watson, Edward C., M.A.....	1895....	Kingston.
Watson, James S., B.A.....	1895....	Wellman's Corners.
*Watson, Peter, B.A.....	1852....	Williamstown.
Watts, Ezra J., M.D.....	1886....	Franktown.
Watts, Thomas E., M.D.....	1890....	Natural Bridge, N.Y.
Way, Hon. Samuel J., LL.D.....	1895....	Adelaide, S. Aus.
<i>(Lieut. Gov. and Chief Justice, South Australia)</i>		
Webster, Benjamin E., B.A....	1895....	Kingston.
Webster, Charles R., B.A....	1891....	Kingston.
Webster, James, B.A.....	1857....	(Deceased).
Webster, George R., B.A....	1875....	Brockville.
Webster, W. J., M.D.....	1884....	White Lake, Dak.
Weekes, W. J., M.D.....	1865....	Woodstock.
Weir, Janet, M.D.....	1891....	Merrickville.
Weir, William, M.D.....	1861....	(Deceased).
Westlake, Henry W., B.A.....	1883....	Exeter.
Wheeler, James W., M.D.....	1892....	Wolfe Island.

Name.	Date of Graduation.	Address.
White, Albert N., M.D.....	1886....	Casenovia, N.Y.
White, James W., M.D.....	1891....	Branchton.
White, Joseph F., B.A.....	1877....	Shanty Bay, Ont.
White, Lizzie R., B.A.....	1895....	Kingston.
Whitney, Arthur W., M.D.....	1888....	St. Paul, Minn.
*Whiteman, Richard, B.A.....	1886....	Port Perry.
Whitteker, Walter C., M.D.....	1895....	N. Williamsburg.
*Wilkie, William D., B.A.....	1891....	Eramosa.
Williams, Herbert S., M.D.....	1884....	Mount Vernon, Dak.
Williams, Hugh G., M.D.....	1894	
*Willis, Michael, LL.D.....	1861....	(Deceased).
Wilson, Arthur C., M.D.....	1891....	Perth.
Wilson, Caroline L. M., B.A.....	1890....	Kingston.
Wilson, Charles J. C., M.D.....	1869....	Montreal.
¹ Wilson, Henry L., B.A., 1887 ; M.A.....	1888....	Baltimore, Md.
Wilson, John A., M.D.....	1863....	(Deceased).
Wilson, Matthew H., B.A.....	1895....	Renfrew.
Wilson, Thomas, B.A., 1877; M.D.....	1880....	Tara.
Williamson, Arch. R.B., B.A.....	1895....	Kingston.
⁹ Wood, Isaac, B.A., 1884; M.A., 1891 ; M.D.....	1892....	Kingston.
Wright, Edward W., M.D....	1886....	Berlin.
*Wright, John J., B.A.....	1885....	Mallorytown.
Wright, Josephine, B.A.....	1892....	Arthur.
Wright, Thomas A., M.D.....	1888....	Russell, Man.
Wylie, James, B.A.....	1864 ..	(Deceased).
Yates, Horatio, M.D.....	1863....	(Deceased).
Yates, Octavius, M.D.....	1856....	(Deceased).
*Yeomans, George A., B.A.....	1863....	Wiarton.
Yeomans, Horace P., B.A., 1860; M.D.....	1863. ..	(Deceased).
Young, Alexander, B.A.....	1895....	Blakeney.
Young, Colin G., B.A.....	1893....	Carlow.
Young, Daniel, M.D.....	1862....	Conway.
Young, David, M.D.....	1871....	Lower Fort Garry.
Young, Frederick M., B.A.....	1886....	Nanaimo.
*Young, George P., LL.D.....	1882....	(Deceased).
Young, Henry E., B.A.....	1883....	Chicago.
*Young, John, B.A., 1882; M.A....	1884....	Toronto.
Young, Robert, B.A.....	1890....	Alexandria.
Young, Sir William, Chief Justice, LL.D.....	1881....	(Deceased).
Young, William A., M.D.....	1894....	Kingston.
Young, William J., M.D.....	1883....	(Deceased).
Yourex, John McGill, M.D.....	1876....	Warsaw.

§ ALUMNI.

OF NOT LESS THAN TWO YEARS' STANDING.

Names marked with an asterisk are names of clergymen.

Name.	Date of First Registration.	Address.
Allan, Andrew.....	1884....	Balderson's Corners.
*Allen, William F.....	1882....	Denver, Col.
Allen, Mary.....	1890....	Kingston.
*Andrew, Joseph.....	1879....	Margaret, Man.
Argue, Andrew W.....	1888....	Stittsville.
*Bailie, Robert.....	1889....	
Bain, William R.....	1858....	Montreal.
*Ball, William S.....	1842....	Toronto.
*Barr, John.....	1857....	(Deceased).
Barr, Isabel.....	1890....	Seaforth.
Barr, Jennie.....	1890....	Seaforth.
Bamford, Frederick J.....	1876....	Winnipeg.
Bawden, J. R.....	1855....	Kingston.
*Bennet, James, B.A.....	1881....	L'Original.
Bentley, Carrie L.....	1889....	Hamilton.
Bertram, Thomas.....	1880....	Dundas.
Bethune, Alexander.....	1886....	
Bethune, James, Q.C.....	1856....	(Deceased).
Bethune, William S.....	1879....	Wingham.
*Black, William, B.A.....	1891....	Nelson, Man.
Booth, Jackson C.....	1882....	Ottawa.
Booth, John F.....	1883....	Ottawa.
*Borthwick, H. J.....	1855....	Morden, Man.
Boyle, Thomas.....	1887....	Gananoque.
Bristol, Emily F.....	1886....	Napanee.
*Brokenshire, William H.....	1885....	Winthorp, N.Y.
Brownell, James E.....	1877....	Avonmore.
Bruce, David A.J.....	1886....	
Bruce, Edward W.....	1886....	Toronto.
Burger, Charles M.....	1886....	Hudson, Que.
Burrows, Annie M.....	1889....	Kingston.
Burt, Ellen A. A.....	1890....	Cardwell.
*Byers, Henry.....	1848....	(Deceased).
Callaghan, Etta.....	1888....	Kingston.
Calvin, H. A.....	1868....	Garden Island.

§ The Registrar will be much obliged for notices of additions or corrections to this list.

Name.	Date of First Registration.	Address.
*Camelon, David.....	1853....	(Deceased).
Camelon, John M.....	1885....	Maple.
Cameron, Colin K. O.....	1889....	Iroquois.
Cameron, Donald.....	1888....	(Deceased).
Cameron, A. H., B.A.....	1869....	Nimitan, Man.
Cameron, John S.....	1889....	Wellington.
*Cameron, Hugh.....	1856....	(Deceased).
*Cameron, J. J., MA.....	1871....	Athens.
*Campbell, Charles A.....	1887....	Maple.
Campbell, John R.....	1879....	Wingham.
Cargill, Henry.....	1856....	Cargill.
*Carmichael, James, B.A.....	1858....	(Deceased).
Carson, Joseph T.....	1891....	(Deceased).
Cartwright, Madeline L.....	1889....	Kingston.
Chambers, John N.....	1875....	Woodstock, O.
*Chambers, W. W.....	1871....	Erzeroum, Turkey.
Chown, Alice A.....	1887....	Kingston.
Clapp, David P.....	1873....	Harrison, O.
Clothier, James O.....	1890....	Kemptville.
Clune, Ella.....	1889....	Warkworth.
Coleman, W. W.....	1886....	Seeley's Bay.
Cook, William.....	1858....	Quebec.
*Connery, D. G. S., M.A.....	1890....	West Winchester.
Corbett, Charles H.....	1865....	Kingston.
*Crawford, Angus.....	1869....	
Creeggan, Alfred H.....	1889....	Kingston.
Curtis, Henry H.....	1887....	Montreal.
Dickson, Edwin H.....	1867....	Waco, Texas.
*Dodds, James A.....	1886....	Yacatecas, Mex.
*Doudiet, C.A.....	1866....	Buckingham, Que.
Douglas, John J.....	1881....	
*Dow, James.....	1882....	
Dresser, John A.....	1889....	Richmond, Que.
Drinnan, John K.....	1887....	Medicine Hat.
Drummond, Robert J.....	1855....	Perth.
Duff, John M.....	1875....	Guelph.
Duff, John.....	1850....	Kingston.
*Dunning, Harry N.....	1883....	
Dunning, Jessie.....	1880....	
Elmore, Minor M.....	1875....	(Deceased).
Emmons, John.....	1887....	Shannonville.
*England, Luther M.....	1890....	
Farnden, Hunter R.....	1842....	
Farrell, Jenny (Dyde).....	1884....	Kingston.
*Ferguson, John, B.A.....	1858....	Maple Valley, Man.

Name.	Date of First Registration.	Address.
Ferguson, Mellis W.....	1889....	Martintown.
Flanigan, John.....	1858....	Chicago.
Folger, Marion.....	1884....	Kingston.
*Forest, David.....	1879 ...	Walton, Ont.
*Fraser, John.....	1888....	North Shore, C.B.
Fraser, Nutting S.....	1881....	St. Johns, Newfid.
Fraser, Francis H	1883...	(Deceased).
Gahan, Percy A.....	1886....	Windfall.
Galbraith, Malcolm C.....	1853....	Bowmanville.
Garret, William R.....	1884	
*Gerrior, John P.....	1884	
Gibson, Sara.....	1888....	Kingston.
Gillies, John A	1889....	Braeside.
Goodfellow, Joseph.....	1891....	Parham.
*Goodwill, John.....	1858....	Charlottetown, P.E.I.
Goodwin, Antoinette E.....	1884...	Studley, Halifax.
Goodwin, Ernest P.....	1884....	Cape Tormentine, N.B.
Gordon, Robert A	1882	
*Grant, James A.....	1879....	Toronto W. Junction.
*Gray, James M.....	1861....	Stirling.
Greaves, Jennie H.....	1880 ..	Kingston.
Hallett, William J.....	1890....	Lindsay.
Hamilton, Clark.....	1848....	Kingston.
Hamilton, John.....	1844....	Sault Ste. Marie.
Hamilton, Max G.....	1882....	Hudson Bay Co.
Hamilton, William.....	1858	
Harkness, Jefferson D....	1888....	Kingston.
Head, John.	1884....	Lindsay.
Hendry, Thomas.....	1868....	California.
*Herald, Charles L.....	1880	
Hill, Annie G.....	1890....	Rivière du Loup.
Hobart, S. W.....	1879....	Kingston.
Hodgins, James C.....	1889....	Toronto.
Hooper, John G.....	1879....	Grand Falls.
Hooper, Vere G.....	1880....	Kingston.
Honeywell, Ira E.....	1890....	Ottawa.
Houston, Martha (Campbell).....	1889....	Kingston.
Houston, Robert C.....	1890....	Kingston.
*Hyland, David J.....	1881...	Fitzroy Harbour.
Ireland, Alexander H.....	1866....	Toronto.
Ireland, James O.....	1850 ..	Toronto.
Ireland, William.....	1850....	Chatham, O.
Irvine, Richard W.....	1878....	Deseronto.
Irving, Lilla B.....	1884 ...	Riverside, Cal.
*Jack, Hugh.....	1889....	

Name.	Date of First Registration.	Address.
Jackson, Alfred R.....	1889....	S. Vancouver, B.C.
Jackson, Nelson.....	1883 ..	
Johnston, William.....	1878....	McLeod, N.W.T.
Jones, Alfred W.....	1888....	Kingston.
Jones, Charles P.....	1887 ..	Kingston.
Kean, Isabel H.....	1890....	Orillia.
*Kellock, David.....	1878....	Richmond, Que.
Kemp, John W.....	1888....	Carp.
King, Mary A. (Marquis).....	1888....	Stratford.
Kirkwood, Daniel H.....	1883....	
*Laing, Douglas.	1890....	Kingston.
*Lamont, Hugh, D.D.....	1861....	Metis, Que.
Lane, Morgan.....	1863....	Clayton, O.
*Legere, Prosper L.....	1856....	(Deceased).
*Madill, James.....	1889....	Bishop's Mills.
Malloy, William.....	1865....	
Maxwell, John.....	1887....	Alton.
*Miller, David.....	1884....	Brussels.
Mills, James McV.....	1884....	Elsinore, Cal.
Minnes, James A	1885....	Kingston.
Moir, Robert.....	1878....	
Morton, Thomas P.	1890....	Ottawa.
Motherwell, James W.....	1873....	(Deceased).
*Muckleston, W. J.....	1864....	Perth.
*Mullin, Elias.....	1861....	Sebright.
*Mullan, J. B.....	1856....	Fergus.
*Mullan, J. S.....	1854....	Stanley, N.B.
Mulock, William R.....	1865....	Winnipeg.
*Munro, Donald G.....	1880....	Deloraine, Man.
Murray, Thomas N.....	1890....	Orillia.
Macallister, Lachlin (M.D)	1861....	Duntroon.
Macdonald, H. J.....	1865 ..	Winnipeg.
Macnee, Walter H.....	1879. .	Kingston.
McArthur, Bessie.	1888....	Kingston.
McArthur, Charles.....	1879 ..	
*McArthur, Dougall O.....	1890....	
McArthur, John M.....	1878....	Chicago.
*McColl, Angus.....	1842....	Chatham, O.
McDonnell, Allen.....	1885....	
*McDonald, Donald D.....	1885....	Lorneville.
McDougall, Arch. J.....	1891....	Newburgh, N.Y.
McDonald, Belle (Boyd).....	1890....	Kingston.
McDonald, William.....		(Deceased).
*McEachern, Charles.....	1873....	Inverness, Scotland.
*McEachern, Duncan.....	1860....	Napanee.

Name.	Date of First Registration.	Address.
McEwen, Thomas.....	1883	
*McFayden, Allan L., B.A.....	1887	
McGeachy, William, M.D.....	1861....	Fingal, O.
*McGillivray, Alexander.....	1871....	Toronto.
McGregor, Alexander.....	1862....	Williamstown.
McIntosh, Hugh.....	1876	
McIntyre, Andrew B.....	1887....	(Deceased).
*McIntyre, C.E.....	1863....	Oshawa.
McKay, Daniel C.....	1889....	Lake Ainslie, C.B.
*McKay, Norman T. C.....	1883....	Summerstown.
McKenzie, John J.....		
*McKinnon, John.....	1842....	(Deceased).
*McLaren, Archibald.....	1878....	Springfield, Man.
McLean, Archibald B.....	1865....	Smith's Falls.
McLean, Donald A.....	1877	
McLean, James W.....	1889	
McLean, John.....	1874....	(Deceased).
McLennan, Duncan L....	1887....	Kincardine.
McLennan, Neil K.....	1888....	Middle River, C.B.
*McLeod, Alexander K.....		Brighton.
McLeod, Charles L.....	1889	
*McMillan, George, B.A.....	1875...	Princetown, P.E.I.
McNab, Frank.....	1880....	Kingston.
McNab, Robert C....	1889....	Douglas.
McNaughton, Alexander.....	1888....	Manitoba.
McNaughton, Alexander K.....	1887....	Chicago.
*McNeil, John.....	1880....	Cowal.
McNutt, George A.....	1878	
*McPherson, Lachlin.....	1842....	(Deceased).
McRae, Philip K.....	1888....	North River, C.B.
*McRossie, Allan.....	1880....	Brooklyn, N.Y.
McRossie, Hattie.....	1887....	Kingston.
Nelson, John.....	1887....	Bear Brook.
North, Edwin.....	1886	
O'Connor, Edward J....	1888....	Ottawa.
Oronhyatekha, W. A. H.....	1888....	Toronto.
Ovens, Rufus K.....	1879....	Wilton.
Paine, Charles C.....	1889....	Kingston.
*Paul, James T.....	1842....	(Deceased).
*Percival, Herbert A.....	1886....	Mishawakena, Ind.
Pollok, John R.....	1877....	(Deceased).
*Porteous, George.....	1854....	L'Amable.
Pratt, Abraham A.....	1879	
Purdy, Mary E. F....	1886	
*Rattee, Edward J. (B.A.).....	1890....	Noel, N.S.

Name.	Date of First Registration.	Address.
Renton, Thomas T.....	1879....	Kingston.
Richards, Salt.....	1883	
Richardson, John.....	1891....	Brockville.
Riddell, Alexander F.....	1867....	Montreal.
*Robertson, John.....	1884....	Hopewell, N.S.
Robertson, John D.....	1881....	Tarrawonga, Vic.
Roddick, James A.....	1887..	Lyndhurst.
Rose, Constance B	1892 ...	Ottawa.
Ross, Irvine.....	1866....	(Deceased).
*Ross, Archibald.....	1872....	New York.
*Ross, Donald.....	1853....	Portland, Oregon.
*Ross, Hugh.....	1884	
Ross, K. J. Livingstone.....	1879....	Portland, Oregon.
Ross, Thomas B.....	1886....	Montreal.
Rowland, John S.....	1889...	Toronto.
Roy, Henry.....	1880....	Chisholm, P.E.I.
Shanks, William J.....	1879....	Chicago.
Sherlock, John M.....	1879..	Kingston.
*Shore, Godfrey.....	1881....	Kingston.
Simpson, W. H. S.....	1889....	Brookville.
Sinclair, Jennie V.....	1887....	Indore, India.
Smith, Frederick.....	1852....	(Deceased).
Smith, James	1877....	Toronto.
Smith, John E	1889 ...	Arnott.
Smith, Robert L.....	1879....	Appleton.
*Smith, William S	1877....	Middleville.
*Smith, Thomas G., D.D....	1847....	Kingston.
*Snodgrass, John A.....	1868....	Scotland.
Spencer, Hugh J.....	1889....	Kingston.
Steen, Henrietta.....	1888....	Farren's Point.
*Strachan, Donald.....	1865....	Rockwood.
Strange, O. S., M.D.....	1842....	Kingston.
Stewart, Alexander S	1878....	(Deceased).
Stewart, Daniel.....	1883....	(Deceased).
Stewart, William R.....	1887 ...	Notre de Laus, Q.
*Sym, F. Petry.....	1884....	Warton.
*Taft, J. N.....	1877....	Brooklyn, N.Y.
Taggart, Robert.....	1890....	Carleton Place.
Tandy, William R	1890....	Kingston.
*Taylor, Hugh.....	1873....	Loch Winnoch.
Telgmann, Heinrich B.....	1887....	Kingston.
*Thom, Leslie W.....	1877....	Arthur, O.
Thomas, Henry P.....	1882....	Belleville.
Thompson, Andrew W....	1879....	(Deceased).
*Thompson, Archibald, BA.....	1890....	Chatsworth.

Name.	Date of First Registration.	Address.
Topliffe, Annie (Lapp).....	1891....	Glenvale.
Tudhope, Melville B.....	1890....	Orillia.
Twitchell, Marshall C	1887	
Van Blaricom, George B.....	1889	
Varcoe, George F.....	1886....	Fenelon Falls.
Waldron, Edward W.....	1889 ...	Kingston.
Walkem, Hugh.....	1875....	Spence's Bdg., B.C.
Walkem, Walter C. A....	1886....	(Deceased).
*Wallace, Robert.....	1842....	Toronto.
Ward, David.....	1850....	Almonte.
Ward, Marjory.....	1889....	Renfrew.
Watson, Angus R..	1885	
Welch, Frederick.....	1867....	Kingston.
*Wilkins, T. W., B.A....	1863....	Trenton.
Wilson, Daniel A.....	1886....	Kingston.
Wilson, Samuel.....	1888....	Allan's Mills.
Witheril, Ebenezer.....	1889....	Westport.
Wright, Henry A.....	1879....	Toronto.
Young, William R.....	1886....	Peterboro.
Yourex, Edmund L.....	1887....	Kingston.

Junior Latin.

FIRST PAPER.

I.

Translate :

Contiones, priusquam ab urbe signa moverentur, consulis Varronis multae ac feroces fuere, denunciante bellum arcessitum in Italiam ab nobilibus, mansurumque in visceribus rei publicae, si plures Fabios imperatores haberet, se, quo die hostem vidisset, perfecturum. Collegae ejus Paulli una, pridie quam urbe proficisceretur, contio fuit, verior quam gratior populo, qua nihil inclementer in Varronem dictum nisi id modo, mirari se quomodo quis dux, priusquam aut suum aut hostium exercitum, locorum situm, naturam regionis nosset, jam nunc togatus in urbe sciret, quae sibi agenda armato forent, et diem quoque praedicere posset, qua cum hoste signis collatis esset dimicaturus. Optare ut, quae caute ac consulte gesta essent, satis prospere evenirent. Temeritatem, praeterquam quod stulta sit, infelicem etiam ad id locorum fuisse.

Livy, B. XXII.

1. Parse *moverentur, arcessitum, mansurum, vidisset, proficisceretur, nosset, agenda forent, esset dimicaturus, evenirent.*

2. State the syntax of *moverentur, vidisset, sciret, gesta essent, evenirent, sit, locorum.*

3. Express in *Oratio Recta* Varro's speech from *bellum* to *perfecturum*.

II.

Translate :

Parcus deorum cultor et infrequens,
Insanientis dum sapientiae
Consultus erro, nunc retrorsum
Vela dare atque iterare cursus

Cogor relictos: namque Diespiter,
Igni corusco nubila dividens
Plerumque, per purum tonantes
Egit equos volucremque currum;

Quo bruta tellus et vaga flumina,
Quo Styx et invisi horrida Taenari
Sedes Atlanteusque finis
Concutitur. Valet ima summis

Mutare et insignem attenuat deus,
Obscura promens; hinc apicem rapax
Fortuna cum stridore acuto
Sustulit, hic posuisse gaudet.

Horace, Odes, B. I.

1. Parse *cogor, dividens, tonantes, concutitur, promens, sustulit, gaudet*.
2. State the syntax of *sapientiae, summis, sustulit*.
3. State the occasion of the composition of this ode.
4. Write notes on *insanientis sapientiae, per purum, invisi Taenari, Atlanteus finis, apicem*.

III.

Translate and explain where necessary :

- (a) Audire magnos jam videor duces
Non indecoro pulvere sordidos,
Et cuncta terrarum subacta
Praeter atrocem animum Catonis.
- (b) Divesne prisco natus ab Inacho,
Nil interest, an pauper et infima
De gente, sub divo moreris,
Victima nil miserantis Orci.
- (c) Dulce pellitis ovibus Galaesi
Flumen et regnata petam Laconi
Rura Phalanto.
- (d) Nec Laconicas mihi
Trahunt honestae purpuras clientae.
- (e) Me truncus illapsus cerebro
Sustulerat, nisi Faunus ictum
Dextra levasset, Mercurialium
Custos virorum.

Junior Latin.

SECOND PAPER.

I.

1. Give the ablative plural of: *corpus, nox, arcu, mihi, veterem*; and the positive form of: *pessimus, melius, plus, junior, extremus*.

2. Parse the following: *feret, locuto, steterim, poterimus, morerentur*.

3. *Rogavit te ut venias: rogavit te ut venires*: (a) Translate. (b) Explain the tense of *venires*.

4. In what different ways may *purpose* be expressed in Latin? Illustrate your answer by the sentence, *He sent the boy to see the king*.

5. Translate and explain: *sui potens est; quid faceret? vita metus plena; meum est parere; quid mihi opus est honore?*

II.

Translate into Latin:

On the following day the two armies filled the whole plain that extended between the hostile camps. The Carthaginians fought in scattered groups in order to entice the foe. The Romans, on the contrary, stubbornly held their ground, neither advancing nor retreating. The contest was a long and bloody one, and resulted in greater loss to the Carthaginians than to the Romans. On perceiving that he could not dislodge the Romans and escape by the defile, Hannibal resolved to lead his army over the mountains. Fabius was well aware of what was taking place, but prudently kept his men within the entrenchments. His chief fear was that in the darkness his men might fall into an ambuscade and be cut to pieces by the wily Carthaginian.

III.

Translate at sight :

Ad Mundam exinde castra Punica mota et Romani eo confestim sequuti sunt. Ibi signis collatis pugnatum per quattuor ferme horas, egregieque vincentibus Romanis signum receptui est datum, quod Cn. Scipionis femur tragula confixum erat, pavorque circa eum ceperat milites ne mortiferum esset vulnus. Caeterum haud dubium fuit quin, nisi ea mora intervenisset, castra eo die Punica capi potuerint : jam non milites solum sed elephanti etiam usque ad vallum acti erant, superque ipsum novem et triginta elephanti pilis confixi.

Livy, Bk. XXIV.

Senior Latin.

I.

Translate :

- (a) Vidit ab adverso venientes aggere Turnus,
videre Ausonii, gelidusque per ima cucurrit
ossa tremor : prima ante omnes Iuturna Latinos
audiit agnovitque sonum et tremefacta refugit.
ille volat campoque atrum rapit agmen aperto.
qualis ubi ad terras abrupto sidere nimbus
it mare per medium : miseris heu praescia longe
horrescunt corda agricolis : dabit ille ruinas
arboribus stragemque satis, ruet omnia late;
ante volant sonitumque ferunt ad litora venti:
talis in adversos ductor Rhoeteius hostes
agmen agit; densi cuneis se quisque coactis adglomerant.
Vergil, *Aeneid*, B. XII.

(b) Ut igitur in seminibus est causa arborum et stirpium, sic huius luctuosissimi belli semen tu fuisti. Doletis tres exercitus populi Romani interfectos: interfecit Antonius. Desideratis clarissimos cives vobis ereptos : eripuit Antonius. Auctoritas huius ordinis adflcta est: adflixit Antonius. Omnia denique, quae postea vidimus—quid autem mali non vidimus?—si recte ratiocinabimur, uni accepta referemus Antonio. Ut Helena Troianis, sic iste huic rei publicae belli causa, causa pestis atque exitii fuit. Reliquae partes tribunatus principii similes. Omnia perfecit, quae senatus salva re publica ne fieri possent perfecerat.

Cicero, *Philippic II*.

1. Parse (giving principal parts) *vidit, cucurrit, refugit, referemus, fieri*.

2. Write notes on *Turnus, Ausonii, Iuturna, abrupto sidere, Rhoeteius*.

3. *Ut Helena Troianis sic iste....belli causa fuit*. Explain fully.

4. *Cuneis coactis*. Translate (a) literally, (b) using a principal clause, (c) using a present participle.

5. Sketch the events that led to Cicero's banishment.

Or,

State briefly the powers of the tribune of the people. What was the position of the tribunate in the time of Cicero?

6. What consequences to Vergil resulted from the battle of Philippi?

Or,

"The title epic in its highest sense must be refused to the *Aeneid*." Explain and criticise.

II.

(1) Translate into Latin *any six* of the following sentences :

(a) He could never have asked them their reason for attacking this city.

(b) I hesitate to tell you how long you have been envied by these people.

(c) I must say that he was the only one who saved his country by delaying.

(d) I am persuaded that, on the approach of next summer, they will sail the sea again.

(e) Do not say that your power is proportionate to your numbers.

(f) I believed that, in spite of his consummate ability, the government would never put him at the head of our army.

(g) They asserted that, if you had returned to Athens on April 5th, you would have been put to death.

(h) He said that the cavalry should not have been dismissed. Let them go now, if they wished, and recall them (put in *indir. narration*).

(2) Translate into Latin :

It is not for me, Sir, to attempt to dictate to the House the course it ought to pursue in this matter. I should not achieve any useful purpose by such an attempt and, besides, I am sure that no member here present will be false to himself, his high position, or his country. We are where we are, for the express purpose of consulting the country's interest ; and I pray that all may show themselves worthy of the confidence reposed in them. I thank the House for listening to my remarks with so much indulgence and attention.

III.

Translate at sight :

CICERO'S CONSOLATION IN ADVERSITY.

Maximis igitur in malis hoc tamen boni consecuti videmur, ut ea literis mandaremus, quae nec satis erant nota civibus nostris, et erant cognitione dignissima. Quid est enim, per deos, optabilius sapientia ? quid praestantius ? quid melius ? quid homine dignius ? Hanc igitur qui expetunt, philosophi nominantur : nec quidquam aliud est philosophia, si interpretari velis, praeter studium sapientiae. Sapientia autem est rerum divinarum et humanarum, causarumque, quibus hae res continentur, scientia : cujus studium qui vituperat, haud sane intelligo, quidnam sit, quod laudandum putet. Nam si oblectatio quaeritur animi requiesque curarum, quae conferri cum eorum studiis potest, qui semper aliquid quaerunt, quod spectet et valeat ad bene beateque vivendum ? sive ratio virtutis habetur, aut haec ars est, aut nulla omnino ars est, per quam eam assequamur.

Cicero, *De Officiis*.

Junior Greek.

FIRST PAPER.

I.

Translate :

Μὴ θορυβεῖτε, ἄνδρες Ἀθηναῖοι, ἀλλ' ἐμμείνατέ μοι οἷς ἐδεήθην ὑμῶν, μὴ θορυβεῖν, ἐφ' οἷς ἂν λέγω, ἀλλ' ἀκούειν· καὶ γάρ, ὥς ἐγὼ οἶμαι, ὀνήσεσθε ἀκούοντες. μέλλω γὰρ οὖν ἅττα ὑμῖν ἐρεῖν καὶ ἄλλα, ἐφ' οἷς ἴσως βοήσεσθε· ἀλλὰ μηδαμῶς ποιεῖτε τοῦτο. εὖ γὰρ ἴστε, ἐὰν ἐμὲ ἀποκτείνητε τοιοῦτον ὄντα, οἷον ἐγὼ λέγω, οὐκ ἐμὲ μείζω βλάψετε ἢ ὑμᾶς αὐτούς· ἐμὲ μὲν γὰρ οὐδὲν ἂν βλάψειεν οὔτε Μέλητος οὔτε Ἀνυτος· οὐδὲ γὰρ ἂν δύναιτο· οὐ γὰρ οἶομαι θεμιτὸν εἶναι ἀμείνονι ἀνδρὶ ὑπὸ χείρονος βλάπτεσθαι. ἀποκτείνειε μὲντ' ἂν ἴσως ἢ ἐξελάσειεν ἢ ἀτιμώσειεν· ἀλλὰ ταῦτα οὗτος μὲν ἴσως οἶεται καὶ ἄλλος τις· που μεγάλα κακά, ἐγὼ δ' οὐκ οἶομαι, ἀλλὰ πολὺ μᾶλλον ποιεῖν ἢ οὗτος νυνὶ ποιεῖ, ἄνδρα ἀδίκως ἐπιχειρεῖν ἀποκτινύναι.

Plato, Apology.

1. Parse ἐμμείνατε, ἐδεήθην, ὀνήσεσθε, ἀποκτείνητε, ἐξελάσειεν, ἀποκτινύναι.

2. State the syntax of οἷς (ἐδεήθην), ἀποκτείνητε, δύναιτο, ἐπιχειρεῖν.

3. How does Socrates refute the charge of corrupting the youth of Athens?

II.

Translate :

Σχοπῶμεν, ὦ ῥαθὲ, κοινῇ, καὶ εἴ πῃ ἔχεις ἀντιλέγειν ἐμοῦ λέγοντος, ἀντίλεγε, καὶ σοὶ πείσομαι· εἰ δὲ μή, παῦσαι ἤδη, ὦ μακάριε, πολλάκις μοι λέγων τὸν αὐτὸν λόγον, ὥς χρὴ ἐνθὲνδε ἀκόντων Ἀθηναίων ἐμὲ ἀπιέναι· ὥς ἐγὼ περὶ

πολλοῦ ποιοῦμαι πείσας σε ταῦτα πράττειν, ἀλλὰ μὴ ἄκοντος.
 δρα δὲ δὴ τῆς σχέψεως τὴν ἀρχήν, ἐάν σοι ἱκανῶς λέγῃται,
 καὶ πειρῶ ἀποκρίνεσθαι τὸ ἐρωτώμενον, ἧ ἂν μάλιστα οἶῃ.

Plato, Crito.

1. Parse πείσομαι, παῦσαι, δρα, πειρῶ, οἶῃ.
2. To what is πείσας σε opposed ?
3. State briefly the line of argument adopted by "The Laws."

III.

Translate :

αὐτὰρ ὁ Κύκλωπας μεγάλ' ἤπνευ, οἳ ρά μιν ἀμφὶς
 ῥέον ἐν σπήεσσι δι' ἄκριας ἠνεμοέσσας.
 οἳ δὲ βοῆς αἰόντες ἐφοίτων ἄλλοθεν ἄλλος,
 ἰστάμενοι δ' εἶροντο περὶ σπέος ὅττι ἐ κήδοι.

‘Τίπτε τόσον, Πολύφημ', ἀρημένος ὦδ' ἐβόησας
 νύκτα δι' ἀμβροσίην, καὶ ἀύπνους ἄμμε τίθησθα ;
 ἦ μή τίς σευ μῆλα βροτῶν ἀέκοντος ἐλαύνει ;
 ἦ μή τίς σ' αὐτὸν κτείνῃ δόλφῃ ἢ βίηφιν ;’

Τοὺς δ' αὐτ' ἐξ ἀντροῦ προσέφη κρατερὸς Πολύφημος·
 ‘ὦ φίλοι, Οὐτίς με κτείνει δόλφῃ, οὐδὲ βίηφιν.’

Οἳ δ' ἀπαμειβόμενοι ἔπεα πτερόεντ' ἀγόρευον·
 ‘εἰ μὲν δὴ μή τίς σε βιάζεται οἶον ἐόντα,
 νοῦσόν γ' οὐ πῶς ἔστι Διὸς μεγάλου ἀλέασθαι,
 ἀλλὰ σύ γ' εὖχεο πατρὶ Ποσειδάωνι ἀνακτι.’

ᾧ ὡς ἄρ' ἔφαν ἀπιόντες, ἐμὸν δ' ἐγέλασσε φίλον κῆρ,
 ὥς ὄνομ' ἐξαπάτησεν ἐμὸν καὶ μῆτις ἀμύμων.

Homer, Odyssey, B. IX.

1. Parse ἐφοίτων, κήδοι, τίθησθα, ἐλαύνει, ἀλέασθαι, εὖχεο, ἔφαν, μῆτις.
2. Point out Epic forms and give the corresponding Attic.
3. Scan the first three lines.
4. Give a summary of this book.

Junior Greek.

SECOND PAPER.

I.

1. Compare (a) the following adjectives, (b) the adverbs derived from them : *χαρίεις, θάσσω, μέγας, πέπων, ἐχθρός, εὖνους*.

2. Translate and explain the constructions of : *ὁ τυχών, μὴ κλέψῃς, τὸ γινῶθι σεαυτὸν, ἐς τοῦτο ἄνοιας, εὖ ἔχειν φρενῶν, ἑαυτοῦ εἶναι, ἐκ τοῦ ἴσου σοὶ εἶναι, νόμους ἔθεντο, πόσου αὐτὰ πωλεῖ* ;

3. Give 2nd person singular in all moods, active and middle, of the following parts : *εἰπον, εἶδον, εἶλον*.

4. Parse *εἶναι, ἔθου, φῆναι, οἰσίν, γέρω, ἡρώτων*.

5. State clearly the tenses and moods with which *ἄν* is used.

6. State and illustrate the different classes of the Hypothetical sentence.

II.

Translate into Greek :

1. What shall we say to free them from all the misfortunes of their predecessors ?

2. He answered that ignorance of one's duty is a calamity too great for words.

3. Let us go to the citizens of Athens, the greatest of all cities, that they may teach us prudence.

4. Some would have condemned him, others would have acquitted him.

5. He refused to admit his fear that civic duties would not be properly performed by the authorities.

6. They said that they would gladly have listened to his defence, if he had arrived in time.

III.

Translate at sight :

Ὡς δ' ἦν ἥλιος ἐπὶ δυσμαῖς, ἀνέστησαν οἱ Ἕλληνες καὶ εἶπον ὅτι ὥρα νυκτοφύλακας καθιστάναι καὶ σύνθημα παραδιδόναι. καὶ Σεύθην ἐκέλευον παραγγεῖλαι ὅπως εἰς τὰ Ἑλληνικὰ στρατόπεδα μηδεὶς τῶν Θρακῶν εἴσεισι νυκτός· οἳ τε γὰρ πολέμοι Θραῖκες ὕμῃν καὶ ὑμεῖς οἱ φίλοι. ὥς δ' ἐξῆσαν, συνανέστη ὁ Σεύθης οὐδέν τι μεθύοντι ἐοικώς. ἐξελθὼν δ' εἶπεν αὐτοὺς τοὺς στρατηγοὺς ἀποκαλέσας, ὦ ἄνδρες, οἱ πολέμοι ἡμῶν οὐκ ἴσασι πῶ τὴν ἡμετέραν συμ-
μαχίαν· ἦν οὖν ἔλθωμεν ἐπ' αὐτοὺς πρὶν φυλάξασθαι ὥστε μὴ ληφθῆναι ἢ παρασκευάσασθαι ὥστε ἀμύνασθαι, μάλιστ' ἂν λάβοιμεν καὶ ἀνθρώπους καὶ χρήματα. συνεπήνουν ταῦτα οἱ στρατηγοὶ καὶ ἡγεῖσθαι ἐκέλευον.

Senior Greek.

FIRST PAPER.

I.

Translate :

εὖ γὰρ εἰδέναι ὅτι Ἀθηναῖοι σφῶν ταῦτα οὐκ ἀποδέξον-
ται ὥστε μὴ αὐτῶν ψηφισαμάτων ἀπελθεῖν. καὶ γὰρ οὐ
τοὺς αὐτοὺς ψηφιεῖσθαι τε περὶ σφῶν αὐτῶν καὶ τὰ πράγ-
ματα ὥσπερ καὶ αὐτοὶ δρῶντας καὶ οὐκ ἄλλων ἐπιτιμήσει
ἀκούσαντας γνώσεσθαι, ἀλλ' ἐξ ὧν ἂν τις εὖ λέγων διαβάλ-
λοι, ἐκ τούτων αὐτοὺς πείσεσθαι. τῶν τε παρόντων στρα-
τιῶν πολλοὺς καὶ τοὺς πλείους ἔφη, οἳ νῦν βοῶσιν ὡς ἐν
δεινοῖς ὄντες, ἐκεῖσε ἀφικομένους τάναντία βοήσεσθαι ὡς
ὑπὸ χρημάτων καταπροδόντες οἱ στρατηγοὶ ἀπῆλθον. οὐκ-
οὖν βούλεσθαι αὐτός γε ἐπιστάμενος τὰς Ἀθηναίων φύσεις
ἐπ' αἰσχροῦ τε αἰτίᾳ καὶ ἀδίκῳ ὑπ' Ἀθηναίων ἀπολέσθαι
μᾶλλον ἢ ὑπὸ τῶν πολεμίων, εἰ δεῖ, κινδυνεύσας τοῦτο παθ-
εῖν ἰδίᾳ. τὰ τε Συρακοσίων ἔφη ὅμως ἔτι ἤσσω τῶν
σφετέρων εἶναι· χρήμασι γὰρ αὐτοὺς ξενοτροφοῦντας καὶ
ἐν περιπολίοις ἅμα ἀναλίσκοντας καὶ ναυτικὸν πολὺ ἔτι ἐνι-
αυτὸν ἤδη βόσκοντας τὰ μὲν ἀπορεῖν, τὰ δ' ἔτι ἀμυχανήσειν·
δισχίλιὰ τε γὰρ τάλαντα ἤδη ἀνηλωκέναι καὶ ἔτι πολλὰ προσ-
οφείλειν, ἣν τε καὶ ὅτιοῦν ἐκλίπωσι τῆς νῦν παρασκευῆς τῇ
μὴ διδόναι τροφήν, φθереῖσθαι αὐτῶν τὰ πράγματα, ἐπι-
κουρικὰ μᾶλλον ἢ δι' ἀνάγκης ὥσπερ τὰ σφέτερα ὄντα.

Thucydides, B. VII.

1. Parse *ψηφιεῖσθαι*, *ἀπολέσθαι*, *καταπροδόντες*, *ἤσσω*.
2. Turn into Direct Narration : *εὖ εἰδέναι*—*ἀπῆλθον*.
3. Point out instances of Graphic Sequence in the above passage ; and explain and illustrate the constructions called Parataxis ; *σχῆμα καθ' ὅλον καὶ μέρος* ; Combination of unlike elements.

4. Criticize the arguments of Nicias above, and enumerate his mistakes in the conduct of the war.

II.

Translate :

Τὸν δὲ μέγ' ὀχθήσας προσέφη ξανθὸς Μενέλαος·
ὦ πόποι, ἦ μάλα δὴ κρατερόφρονος ἀνδρὸς ἐν εὐνῇ
ῥηθελον εὐνηθῆναι ἀνάλκιδες αὐτοὶ ἐόντες.
ὥς δ' ὁπότε ἐν ξυλόχῳ ἔλαφος κρατεροῖο λέοντος
νεβροὺς κοιμήσασα νεηγενέας γαλαθηνοὺς
κνημοὺς ἐξερέησι καὶ ἄγκρα ποιήεντα
βοσκομένη, ὃ δ' ἔπειτα ἐὺν εἰσῆλυθεν εὐνὴν,
ἀμφοτέροισι δὲ τοῖσιν ἀεικέα πότμον ἐφῆκεν.
ὥς Ὀδυσσεὺς κείνοισιν ἀεικέα πότμον ἐφήσει.
αἱ γάρ, Ζεῦ τε πάτερ καὶ Ἀθηναίῃ καὶ Ἀπολλων,
τοῖος ἐὼν οἷός ποτ' ἐυκτιμένη ἐνὶ Λέσβῳ
ἔξ ἔριδος Φιλομηλείδῃ ἐπάλαισεν ἀναστάς,
καὶ δ' ἔβαλε κρατερῶς, κεχάροντο δὲ πάντες Ἀχαιοί,
τοῖος ἐὼν μνηστῆρσιν ὁμιλήσειεν Ὀδυσσεύς·
πάντες κ' ὠκύμοροί τε γενοίετο πικρόγαμοί τε.
ταῦτα δ' αἶ μ' εἰρωτᾷς καὶ λίσσσαι, οὐκ ἂν ἐγὼ γε
ἄλλα παρὲξ εἴποιμι παρακλιδὸν, οὐδ' ἀπατήσω·
ἀλλὰ τὰ μὲν μοι ἔειπε γέρων ἄλιος νημερτῆς,
τῶν οὐδὲν τοι ἐγὼ κρύψω ἔπος οὐδ' ἐπικεύσω.

Odyssey, B. IV.

Ἰουνούμαί σε, ἄνασσα θεὸς νύ τις, ἦ βροτὸς ἔσσι ;
εἰ μὲν τις θεὸς ἔσσι, τοὶ οὐρανὸν εὐρὺν ἔχουσιν,
Ἀρτέμιδι σε ἐγὼ γε Διὸς κούρη μέγαλοιο,
εἰδὸς τε μέγεθός τε φυὴν τ' ἄγχιστα ξίσκω·
εἰ δέ τις ἔσσι βροτῶν, τοὶ ἐπὶ χθονὶ ναιετάουσι,
τρισμαχάρεις μὲν σοί γε πατήρ καὶ πότνια μήτηρ,
τρισμαχάρεις δὲ κασίγνητοι· μάλα πού σφισι θυμὸς

αἰὲν ἐυφροσύνῃσιν ἰαίνεται εἵνεκα σεῖο,
 λευσσόντων τοιόνδε θάλος χορὸν εἰσοιχνεῦσαν.
 κεῖνος δ' αὖ περὶ κῆρι μακάρτατος ἔξοχον ἄλλων,
 ὃς κέ σ' ἐέδνοισι βρίσας οἶκόνδ' ἀγάγηται.
 οὐ γάρ πω τοιοῦτου ἴδον βροτὸν ὀφθαλμοῖσιν,
 οὔτ' ἄνδρ' οὔτε γυναιῖκα· σέβας μ' ἔχει εἰσορόωντα.
 Ἀήλω δὴ ποτε τοῖον Ἀπόλλωνος παρὰ βωμῷ
 φοίνικος νέον ἔρνος ἀνερχόμενον ἐνόησα·

Odyssey, B. VI.

1. Parse ἐξερέησι, κεχάρουντο, ἐφῆκεν, γενοίατο, εἰσοιχνεῦσαν, εἰσορόωντα.

2. Derive ἀλιάης, πολύκλυστος, γουνούμαι, παρακλίδον, νημερτής, γλαυκῶπις.

3. Explain the aorist εἰσήλυθεν; the genitive λευσσόντων.

4. What is the special appropriateness of comparing Naussicaa to Artemis, and a young palm-shoot?

5. Describe a Homeric sacrifice and marriage feast. Give what strike you as the principal elements in the charm of the Odyssey.

Senior Greek.

SECOND PAPER.

I.

Translate at sight :

ἔνθα μὲν Ἄτλαντος θυγάτηρ, δολόεσσα Καλυψώ,
ναίει ἐνπλόκαμος, δεινὴ θεός· οὐδέ τις αὐτῇ
μίσγεται οὔτε θεῶν οὔτε θνητῶν ἀνθρώπων.
ἀλλ' ἐμὲ τὸν δύστηνον ἐφέστιον ἤγαγε δαίμων
οἶον, ἐπεὶ μοι νῆα θοὴν ἀργῇτι κεραυνῷ
Ζεὺς ἑλάσας ἐκέασσε μέσῳ ἐνὶ οἴνοπι πόντῳ.
ἔνθα μὲν ἐπτάετες μένον ἔμπεδον, εἴματα δ' αἰεὶ
δάκρυσι δεύεσκον, τὰ μοι ἄμβροτα δῶκε Καλυψώ·
ἀλλ' ὅτε δὴ ὄγδοόν μοι ἐπιπλόμενον ἔτος ἤλθε,
καὶ τότε δὴ μ' ἐκέλευσεν ἐποτρύνουσα νέεσθαι
Ζηνὸς ὑπ' ἀγγελίης, ἣ καὶ νόος ἐτράπετ' αὐτῆς.
πέμπε δ' ἐπὶ σχεδίης πολυδέσμου, πολλὰ δ' ἔδωκε,
σῖτον καὶ μέθυ ἡδύ, καὶ ἄμβροτα εἴματα ἔσσειν,
οὔρον δὲ προέηκεν ἀπήμονά τε λιαρὸν τε.
ἐπτά δὲ καὶ δέκα μὲν πλέον ἤματα ποντοπορεύων,
ὀκτωκαιδεκάτῃ δ' ἐφάνη ὄρεα σκίοεντα
γαίης ὑμετέρης, γήθησε δέ μοι φίλον ἦτορ.

Odyssey, B. VII.

II.

Make into Greek :

What is to prevent us from meeting them with an audacity equal to their own?

It would be monstrous that Dorians like us should not stand the charge of Ionians.

You ought to have excited yourselves to save your country.

He said that if Gylippus had waited until the Corinthian fleet was ready, the Athenians would have completed their lines of circumvallation before he could have arrived.

If it had not been stipulated in the treaty that hostilities were not to be resorted to, except in case of refusal to submit to arbitration, I should not have been astonished at your yielding to the insistence of the Corinthians, our bitter enemies. But as it is, by taking the offensive against us, you are guilty of impiety against the gods, and of violating your solemn pledges. Be sure your sins will find you out. The time shall come when you will bitterly repent your present conduct. We are not such weaklings as you imagine. You shall not find in us an easy prey. And when, to your surprise, our forces confront you by land and sea, and the prospect of an interminable war opens out before you, perhaps you will come round to reflect on these words of warning to which you now lend a deaf ear.

Junior French.

FIRST PAPER.

I.

Translate at sight :—

La lecture des bons modèles a toujours été regardée comme éminemment propre à développer le germe des talents. La voie des préceptes est longue, celle des exemples est beaucoup plus courte. Les maîtres peuvent nous donner les règles du style; c'est dans les auteurs qu'il faut en chercher la pratique. Mais quels auteurs doit-on lire et comment doit-on les lire? Le goût de la lecture est naturel aux jeunes gens, et souvent ils le portent jusqu'à la passion: de là vient qu'il est si funeste à un grand nombre d'entre eux. Il a donc besoin d'être réglé. Qu'ils choisissent parmi les écrivains ceux que le jugement des siècles et une opinion publique bien prononcée, certaine, invariable, ont placés au premier rang. Nous ne dirons pas jusqu'où ils pourront dans la suite étendre leurs lectures; mais en attendant qu'ils aient le goût assez sûr pour pouvoir braver les dangers imminents d'une corruption devenue aujourd'hui très commune, ils doivent rigoureusement se'n tenir à un petit nombre d'excellents modèles.

Girard.

II.

Translate into French :

1. Panurge is one of the principal characters of the *Pantagruel* of Rabelais, a work which will never perish, not only because it is powerfully original, but also because one feels, underneath its scepticism and foolish conceits, a superior judgment, an intense love for humanity, and a passion for justice and truth. The episode of the sheep of Panurge is especially popular. During the voyage to the country of Lanterns, Panurge began a quarrel at sea with the merchant Dindenaut, who had grievously insulted him. In order to revenge himself upon him, he bought one of his sheep, which he threw into the sea. Its example and bleatings enticed all its companions, and one after another they all leaped overboard. The merchant himself was pulled over by the last, while he was endeavoring to hold it back, and he was drowned with his flock, thus completing the striking picture of the imitative extravagance of the populace. Panurge, armed with an oar, prevented them from regaining the vessel, preached to them in a most eloquent manner, describing the miseries of this life and affirming that the dead are more to be envied than those living in this vale of misery. The title, "Sheep of Panurge," is now given to those who seek only to imitate others.

2. At noon the weather was finer than at half-past nine when we were to have gone out, and I asked our old friend, who had broken his arm, if he would like to take a walk along the quai. He was quite agreed, but asked me not to let him forget himself and remain too long outside. "Depend upon it I shall not," said I, "for I must be back myself before two o'clock, and we will be tired enough then to gladly return." He talked a great deal as we walked along, and assured me that France was the most beautiful country in Europe, and Paris its most beautiful city. "You must be careful," he said, "not to neglect your country's interests, for Germany would like to snatch from you some of your best provinces, and even your entire country. Have you not seen her give her hand to your rival, Spain? Has she not tried to injure your commerce by every possible means? My nephew, who deserted me last winter, used to speak of France as a country of idlers, but I see now how mistaken he was." Then he began to discuss the conduct of his nephew. "I can never forget his infidelity. They tell me he would like to return to me, but if he ever wishes to present himself to me, I shall not show myself to him."

III.

Subject for Composition in French :

L' Histoire de la Perle Noire,

or,

A comparison of Charlotte Corday with the heroine in L'Expédition de la Jeune Hardie.

Junior French.

SECOND PAPER.

I.

1. Translate, referring in each case to the context :—

(a) Eh ! nigaud ! tu ne vois pas que c'est la Foudre !...

Elle serait tombée aux pieds de Balthazar qu'il n'eût pas été plus saisi... et il allait demander des explications à Cornélius, quand celui-ci lui imposa silence et prêta l'oreille. Une grande clameur s'élevait du côté du quai et semblait remonter la rue en se rapprochant. Ils ouvrirent la fenêtre et virent la foule s'agiter, crier et refluer jusqu'au perron, où elle s'arrêta pour livrer passage à une civière portée par des agents de police et sur laquelle était étendu le corps de Christiane !

(1) *serait tombée*. State the rules for the agreement of the Past Participles.

(2) Parse in full *vois, eût, allait, ouvrissent*.

(b) J'espère avoir suffisamment développé mes idées dans les chapitres précédents pour donner à penser au lecteur, et pour le mettre à même de faire des découvertes dans cette brillante carrière : il ne pourra qu'être satisfait de lui, s'il parvient un jour à savoir faire voyager son âme toute seule ; les plaisirs que cette faculté lui procurera balanceront de reste les *quiproquo* qui pourront en résulter. Est-il une jouissance plus flatteuse que celle d'étendre ainsi son existence, d'occuper à la fois la terre et les cieux, et de doubler, pour ainsi dire, son être ?

(1) What is meant by *doubler son être*, and what place does this idea occupy in the book as a whole ?

(2) What is the peculiarity of the class of verbs to which *espère* belongs ?

(3) Parse in full *mettre, pourra, satisfait, savoir*.

(4) State DeMaistre's criticism of Milton's Paradise Lost.

(c) Que voulez-vous ! les lois se taisent devant lui.

Les forfaits et les lois sont en paix aujourd'hui.

—Un jour, nous avons cru tenir notre victoire ;

Le crime était constant ; lui-même en faisait gloire ;

Et quand nous l'accusons, d'un commun mouvement
Quand la Convention le met en jugement,
Voilà qu'il est absous, et qu'on nous rend cet homme
Couronné de lauriers, comme un consul de Rome !

(1) Give a brief account of the trial here referred to, and account for the decision reached.

(2) Synonyms for *constant*, *forfait*, *absous*.

(3) Parse in full *se taisent*, *cru*, *tenir*, *absous*.

(4) Write brief explanatory notes on *Judith*, *la Convention*, *le dix août*, *Carmagnole*, *les ci-devants*, *Danton*, *la Marseillaise*.

(5) Is Charlotte Corday a Classical or Romantic Drama? Give reasons.

(d) La veille du départ, au moment du souper, Penellan était occupé à briser des caisses vides pour en fourrer les débris dans le poêle, quand il fut suffoqué tout à coup par une fumée épaisse. Au même moment, la maison de neige fut comme ébranlée par un tremblement de terre. Chacun poussa un cri de terreur, et Penellan se précipita au dehors.

II.

1. Translate into idiomatic English :—

Je crois qu'il avait la goutte à faire soigner...A quoi servirait le malheur si ce n'était à faire plaindre les coupables...Qu'on en dise ce qu'on voudra...Voilà un tableau auquel il n'y a rien à redire...V consonne et séjour...Je le donne en quatre au plus hardi...Autant vaudrait exiler une souris dans un grenier.

2. Translate into French :

Do not put off till to-morrow what you can do to-day...As usual, he bore a grudge against your gold and silver...Every one says he died a natural death...Are we ignorant of all that you have just told us?...If you wish to see what has become of your locket just look !...He has sent her to me, but he will not send me to her...I have heard them utter these words, and I have seen them write them...The idea occurred to me not to attend class, for the master was going to question us on the rule for the participles, and I didn't know a word of it.

Senior French.

FIRST PAPER.

I.

Sight Translation.

Tous deux, en parlant selon les sentimens qui les agitaient, ils achevaient maintenant de longer la célèbre galerie, où des réflecteurs tournés vers les toiles de grands maîtres ne répandaient que le surplus de leur lumière grave sous les pas d'une foule montée là comme en pèlerinage et spontanément choisie parmi les plus austères des invités. C'était surtout une circulation de messieurs, entre lesquels se profilaient quelques têtes poudrées ou teintes de douairières, des connaisseurs titrés, des amateurs âgés, et que Saffre, au passage, saluait par une formule dénomminative de leur qualité, "mon général," ou "cher marquis," ou "monsieur l'académicien." De-ci de-là, un couple plus alerte et coquet s'arrêtait devant une scène quelconque d'intérieur flamand ou un conciliabule d'anges italiens, qu'il commentait avec des mouvemens de passion pour la peinture, des exclamations fanatiques comme dans un rendez-vous d'amour avec elle. Tel était, là-bas, le cas d'un jeune gentilhomme qui commençait à se faire mal noter au Faubourg, pour la manie que l'on soupçonnait en lui, malgré la dignité de son nom, de toucher du bout des doigts aux arts. En tout cas, c'était justement avec un geste de ce genre que, pour le moment, il s'évertuait sur un tableau, dans son ardeur d'en faire étinceler la beauté aux yeux d'une jolie vicomtesse à laquelle il avait juré de ne la prendre que par le cerveau.

Revue des Deux Mondes.

II.

Translation into French.

1. There is rather an amusing story of an Arab woman who once came to England in the service of an English lady, and remained there as nurse for some few years. At length, however, she went back to her country, where she was looked upon as a great traveller and a person who had seen the world. Her friends and relations were never tired of listening to what she had to tell them, and of asking her questions. She gave such a glowing account of England, and the fine houses and rich people and grand clothes she had seen, that the Arabs became quite envious, and began to despise their own desert land, with its few villages scattered here

and there. They began to feel very low-spirited, and to wish they had been born in England. But happily this state of things did not last. The woman chanced to say that there was certainly one drawback in the happy country she had been describing. In vain she had looked for the well-known date-trees, and she had been told that not one single tree grew in England. It was a country without dates. 'Ah, well!' said her neighbours, very much relieved, and their faces brightening up, 'that alters the case. We have no wish to live in England.'

2. Rossini and a friend of his went to dine with a rich lady, who, although she wished to be thought generous; was really avaricious. The dinner was most wretched. As the guests were departing, the lady thanked the great musician for his kindness in accepting her invitation, saying: "I should be very much pleased, maestro, if before you leave Paris, you would do me the honor of dining with me a second time."—"Very gladly," replied Rossini, "and I shall do so at once, if you wish it."

III.

Composition.

Caractère de Genevieve Beauquesne.

Senior French.

SECOND PAPER.

I.

Translate, giving context in each case :

(a) Nous descendîmes ensuite sans faire de bruit; nous nous embrassâmes et je gagnai la caserne. Zébédé lui-même me conduisit à la chambrée où je mis mon uniforme. Tout ce qui me revient encore, après tant d'années, c'est que le père de Zébédé, qui se trouvait là, fit un paquet de mes habits, en disant qu'il irait chez nous après notre départ; et qu'ensuite le bataillon défila sous la porte de France.

Quelques enfants nous suivaient. Les soldats du corps de garde, à l'avancée, portèrent les armes. Nous étions en route pour Waterloo.

(b) Elle lisait de simples livres d'enfant, appropriés à son ignorance, mais elle avait enfin pris le goût de la lecture, qui ne vient qu'à la longue dans les esprits peu cultivés; elle était bientôt fatiguée de lire, mais pendant les longues heures de silence et d'ouvrage à l'aiguille, elle repassait dans son esprit les lectures de la veille, et elle arrivait peu à peu à saisir l'idée d'un monde plus vaste que le manoir, cet horizon de son âme, que jusqu'alors elle ne croyait pas possible de dépasser.

(c) Monsieur, si un intérêt à débattre entre nous vous amène auprès de moi, vous auriez pu, ce me semble, mettre tout simplement mon procureur aux prises avec votre avocat. Si notre entrevue doit avoir un caractère particulier, je vous dirai, monsieur, qu'il n'est pas dans mes habitudes d'admettre un tiers à de pareils entretiens,

1. *Nous étions en route pour Waterloo.* Describe in French (a) the route, (b) *Waterloo*.

2. Characterize the style of *Waterloo*, and indicate its tendency.

3. Principal parts of the irregular verbs in (b.)

4. Synonyms or synonymous expressions for *appropriés, à la longue, repassait, peu à peu, dépasser* (b.)

5. Write in French a brief criticism of the *Moulin Frappier*.

6. Give in French a brief outline of the plot of *Marianne*. Characterize the work and give some account of George Sand.

II.

(a) Indicate in French the exact meaning of the following phrases :—

Il fallut remonter les horloges.—Le plancher bien recuré.—Je fourrais une bonne bûche au fourneau.—C'est moi qui ferai le dîner comme dans le temps.—Arme à volonté.—C'est là que se portera l'affaire.—à perte de vue.—Deux ou trois fantassins courant au milieu de la bagarre.—On aurait de la peine à la mater.—Sur ces entrefaites.—Tout au fond, sous le grand vitrail.—Je vais combler les lacunes de votre récit.—Vous voilà dans une jolie passe.—Il ne peut plus faire des siennes.—Vivant en liesse et menant grand train sur vos terres.

(b) Turn into idiomatic French :—

Take care not to discuss my rights or yours.—What do they wish us to do.—It seemed to me that I heard him telling what he intended doing.—Can you doubt it.—I give you ten times to guess it in.—That is the resolution I have just taken.—Have you a taste for languages?—Is it necessary to remind me of my duty, or to reproach me for doing it so well.—Buche did as much on his part.—Not one man had spoken.—He unhooked the pail and came to me after drinking.—Jean did not know what had inspired his mother with those ideas.

Junior German.

Prose Paper.

I.

Translate at sight :

(a) Der König kannte sehr wohl die tödtliche Wirkung des Giftes, sobald est in's Blut übergegangen wäre. Um seinem Liebling zu retten, gedachte er nicht der eigenen Lebensgefahr; er sprang vom Pferde, befahl auch dem Grafen abzusteigen und sich ganz seinem Willen zu unterwerfen. Der Graf machte zwar Einwendungen; aber der König beharrte auf dem edeln Entschlusse, seinem Freunde das Leben zu retten, oder mit ihm zu sterben. Er riss die Kleidung von der Wunde weg, sog das Blut zu wiederholtenmalen aus und spie es weg. Diese entschlossene und hochherzige Handlung belohnte den königlichen Freund mit der Freude, seinem Freunde das Leben gerettet zu haben, ohne nachtheilige Folgen für das seinige.

Wer sollte nicht diese wahre, aufopfernde Freundschaft eines der mächtigsten Herrscher der Erde bewundern!

(b) Die älteste deutsche Dichtung pflanzte sich ja hauptsächlich durch mündliche Ueberlieferung fort, und wenn ja etwas davon aufgezeichnet wurde, so bedurfte es eines wunderbaren Zufalls, sollten sich Reste davon auf unsere Zeit retten, trotz der Feindschaft der christlichen Geistlichen gegen den altheimischen Gesang und das in demselben fortlebende Heidentum. Und die Sprache der Wissenschaft, des öffentlichen Verkehrs, der Gesetze, das war die lateinische und blieb es noch auf Jahrhunderte hinaus, trotz der Bemühungen Karls des Grossen, seiner Muttersprache eine höhere Stellung zu gewinnen, denn die späteren deutschen Könige waren nichts weniger als Beförderer der deutschen Sprache.

II.

Translate into idiomatic German :

(a) Rose wanted to go and inspect the newly furnished castle. But the whole week had been stormy, and her father dared not leave the house for fear of becoming ill. But at last a bright sunny morning had come; and how Rose rejoiced at it. Young Von Lengsfeld was to have them brought in his newly purchased carriage, and he himself was to meet them, not far from the village. But, alas! all her fine plans had been suddenly spoiled; for

the village pastor, whom she did not at all like, had just brought a letter from the Count to her father, in which the former announced, that on account of some important business, he had had to go to Strasburg for a few days.

(b) If one lives only to himself, tho' in all humility and righteousness, he will never find full and lasting satisfaction. Honor, wealth, friendship, love,—all very well: but should we not rather have first sought to help the unfortunate ones. Ah, we have to be deeply ashamed of our idleness. But, what avail lamentations? The work is yet to be done. The cause of humanity must not remain standing still. Let each forget himself and think only of the great work.

III.

Subject for Composition :

Der Fluch der Schönheit.

Junior German.

Authors.

I.

Translate, referring to context :

(a) Er sah aus, als wäre er todt, so still lag er da, mit eingesunkenen *Augen*, Schläfen und Wangen, wie ein alter Mann. Sein Athem ging so leise, als *drohe* er stillezustehn, er hob nicht die abgezehrte Hand, die auf dem Herzen lag. Er wurde auch nicht *wach*, als in tiefer Nacht seine Thür leise aufging und eine verhüllte Gestalt bei ihm eintrat, vorsichtig die Thür hinter sich schliessend.

(b) Anfangs schwammen ihm die Buchstaben vor den Augen, und was er las, hatte keinen Sinn für ihn; allmählig aber fing der leere Rahmen an, sich zu füllen ; Gestalten über Gestalten traten hervor und begannen den brudermörderischen Kampf um Mein und Dein, um Tod und Leben. Das Ritterschwert trieft von Bauernblut, der Bauernspiess zittert in des Ritters Brust, dazwischen leuchten die Flammen brennender Dörfer und Edelsitze den bleichen Weidern und heulenden Kindern, die sich in die *Wälder* flüchten und von nachsetzenden Reitern niedergemetzelt werden. Tableau an Tableau—eines grausiger, als das andere, und zuletzt, als Schluss, die Thrannei, die mit höhnischem Lachen ihren Fuss auf den Nacken *der* in den Staub getretenen, geschändeten Menschheit setzt.

(c) Neue Bewisaufnahmen hatten stattgefunden; verschiedene Personen, in welchen der erste Untersuchungsrichter nur *Betrogene* und keine Betrüger gesehen, waren bereits eingezogen *worden*; andere wurden als solche bezeichnet, denen dasselbe Schicksal im weiteren Verlaufe des Processes noch bevorstände. Unter den letzteren nannte man auch den Namen des Herrn von Weissenbach. Der Advocat, welcher seine Sache führte, verschwieg ihm das nicht; ja, er bat seinen Clienten dringend, bei Zeiten auf Herbeischaffung einer Caution, *deren* wahrscheinliche Höhe er angab, bedacht zu sein.

1. Give the principal parts of all strong verbs.

2. Parse fully the italicised words.

3. Give synonymous expressions for (a) Er sah aus, er wurde wach, die Thür ging auf ; (b) Anfangs, allmählig, zuletzt ; (c) Es hat stattgefunden, bei Zeiten.

4. Explain the cases of inversion of subj. and verb in
(b). What conjunctions do not cause inversion?

II.

1. Write brief accounts of Carmen Sylva, Riehl and Uhland.

2. Compare Spielhagen and Carmen Sylva as writers of fiction.

3. Write in German, synopses of Des Sängers Fluch and Das Glück von Edenhall.

III.

1. Write sentences illustrating the uses of present and past participles.

2. Translate into idiomatic English :

Aber die fürchterliche Qual, fort und fort leben zu sollen.—Davon ist nicht die Rede.—Die Schwarzwälder nahm sich prächtig aus.—Rose konnte nichts dafür.—Das nimmt mich wunder.—In dem Garten wusste der Pfarrer Bescheid.

3. Translate into idiomatic English :

One easily gets accustomed to it.—I am very sorry if our friends lack for time.—So far as money is concerned, ten or twelve dollars makes no difference to him.—The army went proudly marching by.—What's the matter? Oh nothing of importance.—That is doubtful.

Senior German.

FIRST PAPER.

I.

Sight Translation.

1. An den verschiedensten Stellen unseres Planeten, im Norden der alten und der neuen Welt, in den Hochgebirgen Asiens und im fernen Süden, in Patagonien, Feuerland, und auf den neuseeländischen Inseln hat die Eiszeit ihre mehr oder minder grossartigen Spuren hinterlassen. Eine, wenn auch nur allgemeiner gehaltene zusammenfassende Darstellung dieser Verhältnisse würde weit hinausreichen über den Rahmen dieser Skizzen und ein Jahr hindurch andauernde angestrengte Arbeit erfordern. Denn noch liegt hier manches in tiefes Dunkel gehüllt. Der Zweck dieses Kapitels ist es, meine Leser wenigstens mit einem Teil der besagten Erscheinungen, mit denjenigen bekannt zu machen, welche im europäischen Norden und in erster Linie auf deutschem Boden wahrgenommen werden können. Aber auch auf diesem im Vergleich zu dem ganzen einstmals vereist gewesenen Areal unseres Erdballs nur wenig umfangreichen Gebiet ist die Forschung in den letzten Jahrzehnten so rastlos thätig gewesen, dass das, was der Verfasser in dieser Beziehung bieten kann, sich mehr auf die allgemeineren Gesichtspunkte beschränken muss, wenn derselbe auch dieses Mal, wie immer in diesem Buche bestrebt sein wird, stets soviel wie angängig den neuesten Standpunkt der Wissenschaft vorzutragen.

2. Mit den siebziger Jahren des vorigen Jahrhunderts kam, wohl vorbereitet, nach einer Entwicklung, die von den dürftigsten Anfängen mühsam aufwärts gestiegen, durch Klopstock beflügelt, durch Lassing geführt und zu dem Gefühle ihrer Eigenmacht erstarkt war, in die deutsche Empfindungs- und Gedankenwelt jene gewaltige Gärung, woraus die Epoche unserer genialen Dichtung hervorging, die grösste der vaterländischen Litteratur seit Luther. Aus dem Sturm und Drang jener Jahre stammen die Anfänge des Goetheschen Faust.

II.

Translation into German.

Linnæus was the son of the pastor of a little village in Sweden, and the love of flowers seems to have been inherited. His father spent a great deal of time in cultivating his garden, and grew as many plants in it as he could. One summer evening he received

his friends in the garden, and they all sat upon the flowery turf, while the pastor began to talk of his favourite subject, and to show his guests the roots and bulbs of the plants which he prized most. His little son, then only four years old, was playing in the garden at the time, but when his father began to talk he came and stood by him, and listened with the utmost attention. And as soon as the visitors were gone he asked a great many questions. From that moment the subject of botany seems to have taken possession of his mind, and young as he was, he tried to learn the names of the plants, and get all the information he could about them. When he was old enough to go to school, he neglected every other study but that of botany, so that his father, who had intended to make him a pastor, threatened to bind him apprentice to a shoemaker. Happily he was saved from such a fate by a kind-hearted doctor, who took him into his house and allowed him to continue his studies, until he could enter the university. But he had many struggles to go through, and at one time hardly knew where to obtain a meal. Nay, he was reduced to such straits, that when his shoes wanted mending, he had to patch them as well as he could with paper. In the end, he became a successful man and famous all over Europe.

III.

German Composition.

Die Kant-Laplace' sche Theorie der Entwicklung des Weltalls.

Senior German.

SECOND PAPER.

I.

Translate into idiomatic English :

(a) Der geistliche Herr packte nun einen grossen Braten und Butterschnitten aus, die sorgfältig in Papier gewickelt waren, zog auch aus einem Futteral mehrere Weinflaschen und einen silbernen, innerlich vergoldeten Becher hervor, schenkte ein, kostete erst, roch daran und prüfte wieder, und reichte dann einem jeden von uns. Die Studenten sassen ganz kerzengerade auf ihren Fässern, und assen und tranken nur sehr wenig vor grosser Devotion. Auch das Mädchen tauchte bloss das Schnäbelchen in den Becher, und blickte dabei schüchtern bald auf mich, bald auf die Studenten, aber je öfter sie uns ansah, je dreister wurde sie nach und nach.

(b) Ein Gegenstand allgemeiner Teilnahme sind die vulkanischen Erscheinungen zumal seit der letzten Hälfte des 18. Jahrhunderts geworden. Mehr und mehr erkannte man den unterschiedenen Wert, welchen die Untersuchung sämtlicher auf die vulkanische Thätigkeit zurückzuführender Phänomene für das Fortschreiten geologischer Kenntnisse haben musste. Die Zeit war vorüber gegangen, wo man die vulkanischen Erzeugnisse gleichsam als ausser Verband mit der allgemeinen Entwicklungsgeschichte unserer Erde stehend betrachtet hatte und der Meinung war, es seien dieselben nicht geeignet, unser Wissen von derselben zu fördern. Gegenwärtig hat eine bessere Überzeugung sich Bahn gebrochen. Voll und ganz hat man den wesentlichen Anteil erkannt, welcher jenen Kraftäusserungen am mannigfachen Wechsel zusteht, den die Erdoberfläche während nicht zu berechnender Zeiträume erfuhrt.

(c) Hören Sie meine Gründe. Mein Vater war arm. Er starb ohne mir etwas zu hinterlassen. Ich kam in das Haus meines reichen Oheims. Die Stellung einer armen Verwandten in einem reichen Hause ist nicht angenehm. Man behandelt mich gut, ich hätte Unrecht zu klagen—aber ich fühle meine Abhängigkeit von fremder Gnade und mit dem Gedanken: ich fühle sie, wird sie drückend, wird sie unerträglich. Also Unabhängigkeit ist mein Wunsch, mein Streben. (Fährt nach einer Pause, in welcher sie auf Antwort wartete, wärmer fort). Soll ich eine Stelle suchen? Soll ich mich mit Handarbeit ernähren, wo mir die Laufbahn einer Künstlerin offen steht? Ich gestehe es, der Gedanke an diese Laufbahn begeistert mich. O es muss herrlich sein die

Gestalten zu verwirklichen, sie ins Leben zu führen, die dem reichen Gemüte des Dichters entsprungen sind, herrlich der versammelten Menge die Worte begeistert zuzurufen, die dem warmen Herzen des Dichters entflossen, es muss herzerhebend sein wenn stiller und stiller die Menge wird, wenn sie atemlos den Worten lauscht, die der Künstler spricht, wenn er fühlt dass seine Worte die Herzen treffen—es muss himmlisch sein solchen Eindruck hervorzubringen und tagelang in der Erinnerung daran zu schwelgen.

(d) Der Zopf ist die Zierde des Mannes. Im Zopf liegt die zusammengeflochtene Kraft des Mannes. Ein Zopf, das ist nichts Wildes, Flackerndes, Wüstes um den Kopf, den Sitz der menschlichen Seele, wie bei den geckenhaften Buschmännern jetzt mit ihrem langen zottigen Haar, sondern einfache, sittliche, gestriegelte Ordnung, geflochtener Gehorsam, sanft herab über die Schultern gleitend, das Sinnbild eines Christen! Doch ich bin es müde, mit dir zu streiten. Dieser Arrest sei dir der letzte Beweis meiner väterlichen Liebe. Bald sollst du frei wandeln und Herrin deiner eignen Thaten werden. Ich verkündige dir hiermit, dass du jetzt bald nach Belieben schalten und walten kannst.

1. Refer to the context of (a), (c), (d) respectively.
2. Infinitive, perf. past. p. and pres. ind. sing. of the irregular verbs in (a).
3. Synonyms for *Futteral*, *Becher*, *Devotion*, *Schmäbelchen*, *schüchtern*.
4. *Voll und ganz*—*Antheil* *erkennt*, u. s. w.—Explain, according to the author, this *Antheil*.
5. Sketch in German the characters whose words are given in (c) and (d).
6. Concise characterization of *Dr. Wespe* and *Zopf und Schwert*.
7. Indicate the influence of *Zopf und Schwert* on German literature. What was the object of its composition?

II.

(a) Explain accurately in German :

Hat nichts zu sagen.—Sollte er mir zu Munde reden wollen.—Dem Parlament ist darüber nichts zu Protokoll gegeben.—Nun

wird sich operiren lassen.—Auf diese bedeutende Pläne nicht einzugehen.—Dieser Kühnheit die Stern zu bieten.—Wo es an Einem genug est.—Damit war es nun aus seit jenem Abend.—Er nahm Reissaus in das Gebüsch.—Der alte grämliche Mann vom Schlosse fand sich des zu.

(b) Turn into idiomatic German :

The old man took him for a gentleman, and helped him out of the carriage.—They all appeared to turn gradually to another side of the hill.—It is you whom I mean.—I was so unhappy that I could have wept.—He wept for joy as he read the letter.—I came to that place which I could not have found in the night.—Before I knew it, he was in the garden.—He allowed himself to be troubled by nothing.

Junior English.

FIRST PAPER.

So may the outward shows be least themselves .
The world is still deceived with ornament.
In law, what plea so tainted and corrupt
But, being season'd with a gracious voice,
Obscures the show of evil ? In religion,
What damned error, but some sober brow
Will bless it and approve it with a text,
Hiding the grossness with fair ornament ?
There is no vice so simple but assumes
Some mark of virtue on his outward parts.

1. Turn the above passage into modern prose.
2. Make special notes on the force of the words "still"
1. 2, "season'd" l. 4, "sober" l. 6, "simple" l. 9.
3. Tell where the passage occurs. Can it be regarded as expressing the fundamental idea of the play ?
4. Describe the character of Morocco or Arragon, and give the reasons which determine their choice of the caskets.
5. Compare Shylock with Marlowe's Jew of Malta. Give reasons for considering Shylock a comic or a tragic character.
6. Explain the following extracts, with reference to the context :—
 - (a) like the martlet
Builds in the weather on the outward wall,
Even in the force and road of casualty.
 - (b) I speak too long; but 'tis to peize the time,
To eke it, and to draw it out in length,
To stay you from election.
 - (c) and I do know
A many fools, that stand in better place,
Garnish'd like him, that for a tricksy word
Defy the matter.
7. Most of the papers I give the public are written on subjects that never vary, but are for ever fixed and immutable. Of this kind are all my more serious essays and discourses; but there is an-

other sort of speculations, which I consider as occasional papers, that take their rise from the folly, extravagance, and caprice of the present age. For I look upon myself as one set to watch the manners and behavior of my countrymen and contemporaries, and to mark down every absurd fashion, ridiculous custom, or affected form of speech, that makes its appearance in the world, during the course of these my speculations. The petticoat no sooner begun to swell, but I observed its motions. The party-patches had not time to muster themselves before I detected them. I had intelligence of the coloured hood the very first time it appeared in a public assembly. I might here mention several other the like contingent subjects, upon which I have bestowed distinct papers. By this means I have so effectually quashed those irregularities which gave occasion to them, that I am afraid posterity will scarce have sufficient idea of them to relish those discourses which were in no little vogue at the time when they were written. They will be apt to think that the fashions and customs I attacked were some fantastic conceits of my own, and that their great-grandmothers could not be so whimsical as I have represented them. For this reason, when I think on the figure my several volumes of speculations will make about a hundred years hence, I consider them as so many pieces of old plate, where the weight will be regarded, but the fashion lost.

Give a criticism of the style of this passage, pointing out the qualities (1) of sentence-structure, (2) of diction.

8. What place does Addison hold in the development of English prose?

9. Give an account of the development of prose style from Addison to Macaulay.

10. Synthetize the following statements (1) in plain style, (2) in rhetorical style :—

(a) The proceedings against Strafford are justified in our opinion.

They are justified by the public danger.

The public danger alone justifies capital punishment or any punishment.

The public danger alone justifies war.

(b) He had beaten the politic Philip in diplomacy.

He had succeeded in exciting rebellion without compromising his own position.

He had gained important allies for the national cause.

Tact, prudence and the unrivalled faculty for diplomacy which he possessed had enabled him to do these things.

All that was no reason why we should entrust him with the command of a difficult military expedition.

Junior English.

SECOND PAPER.

With us ther was a DOCTOUR OF PHISYK,
In al this world ne was ther noon him lyk
To speke of phisik and of surgerye;
For he was grounded in astronomye.
He kepte his pacient a ful greet del
In houres, by his magik naturel
Wel coude he fortunen the ascendent
Of his images for his pacient.
He knew the cause of everich maladye,
Were it of hoot or cold, or moiste, or drye,
And where engendred, and of what humour;
He was a verrey parfit practisour,
The cause y-knowe, and of his harm the rote,
Anon he yaf the seke man his bote.
Ful redy hadde he his apothecaries,
To sende him drogges, and his letuaries,
For ech of hem made other for to winne;
Hir frendschipe nas nat newe to biginne.

1. Turn the above passage into modern prose.
2. Make special explanatory notes on the following phrases:—*kepte his pacient in houres*; *fortunen the ascendent of his images*; and *of what humour*.
3. Make philological notes on the form of the following words:—*parfit*, *y-knowe*, *yaf*, *hadde*, *hem*, *biginne*.
4. Scan lines 5–8 inclusive.
5. What are the chief features in Chaucer's portrait of the *Monk*?
6. Explain the following points in the description of the *Monk*:—"Keper of the celle"; "reule of saint Maure"; "as Austin bit"; "make him-selven wood."
7. The question of dethroning, or, if these gentlemen like the phrase better, "cashiering" kings, will always be, as it has always been, an extraordinary question of state, and wholly out of the law; a question (like all other questions of state) of dispo-

sitions, and of means, and of probable consequences, rather than of positive rights. As it was not made for common abuses, so it is not to be agitated by common minds. The speculative line of demarcation, where obedience ought to end, and resistance must begin, is faint, obscure, and not easily definable. It is not a single act, or a single event, which determines it. Governments must be abused and deranged indeed, before it can be thought of; and the prospect of the future must be as bad as the experience of the past. When things are in that lamentable condition, the nature of the disease is to indicate the remedy to those whom nature has qualified to administer in extremities this critical, ambiguous, bitter potion to a distempered state. Times and occasions, and provocations, will teach their own lessons. The wise will determine from the gravity of the case; the irritable from sensibility to oppression; the high-minded from disdain and indignation at abusive power in unworthy hands; the brave and bold from the love of honourable danger in a generous cause: but, with or without right, a revolution will be the very last resource of the thinking and the good.

Illustrate from the above passage the principal features of Burke's style. Notice sentence structure, vocabulary, and diction.

8. Give a sketch of Burke's public career. How does he distinguish his position as a Whig from that of the Radicals?

9. Give the substance of his comparative view of the political development of France and England.

10. Examine and criticize the figures of speech in the following extracts in respect of their propriety and force :

- (a) Worlds on worlds are *rolling* ever
From creation to decay.
- (b) They seek the scholar that he may *turn his lamp*
upon the dark riddles whose solution they think is in-
scribed on the *walls of their being*.
- (c) We left behind the painted buoy
That tosses at the harbour mouth,
And *madly danced* our hearts with joy,
As fast we fled to the South.
- (d) Yet all experience is an arch wherethro'
Gleams that untravell'd world, whose margin fades
For ever and for ever when I move.

Senior English.

FIRST PAPER.

I.

1. Ay, in the catalogue ye go for men;
As hounds and greyhounds, mongrels, spaniels, curs,
Shoughs, water-rugs and demi-wolves are clept
All by the name of dogs: the valued file
Distinguishes the swift, the slow, the subtle,
The housekeeper, the hunter, every one
According to the gift which bounteous nature
Hath in him closed, whereby he does receive
Particular addition, from the bill
That writes them all alike: and so of men.
Now, if you have a station in the file,
Not i' the worst rank of manhood, say't;
And I will put that business in your bosoms,
Whose execution takes your enemy off,
Grapples you to the heart and love of us,
Who wear our health but sickly in his life,
Which in his death were perfect.

(a) Explain what is meant by "in the catalogue," "shoughs," "the valued file," "the housekeeper," "whereby he does receive particular addition," "not i' the worst rank of manhood," "wear our health but sickly in his life."

(b) What may be inferred as to the rank and circumstances of the two murderers in this scene?

(c) Point out and scan the principal variations from the normal blank verse in the above passage.

2. Thou woulds't be great,
Art not without ambition, but without
The illness should attend it.

Discuss this judgment.

3. "The Romantic drama, and particularly the Shakespearean drama, delights in contrast, in the juxtaposition of the sublime or the terrible and the grotesque." Explain the law underlying this tendency and give examples from the play of Macbeth.

4. "Lady Macbeth's end is psychologically even more instructive than that of her husband." Explain and show the moral object of the drama in this respect.

5. Explain the following extracts with reference to the context :—

- (a) Nought's had, all's spent
Where our desire is got without content.
- (b) Merciful powers!
Restrain in me the cursed thoughts that nature
Gives way to in repose.
- (c) Things bad begun make strong themselves by ill.
- (d) What! will the line stretch out to the crack of doom?

II.

6. The rest were long to tell, though far renown'd:
Th' Ionian Gods of *Javan's issue* held
Gods, yet confest later than Heav'n and Earth
Their boasted parents; Titan Heav'n's first-born
With his enormous brood, and birthright seiz'd
By younger Saturn; he from mightier Jove
(His own and Rhea's son) like measure found;
So Jove usurping reign'd: these first in *Crete*
And *Ida* known, thence on the snowy top
Of cold Olympus rul'd *the middle air*
Their highest Heav'n; or on the *Delphian cliff*,
Or in *Dodona*, and through all the bounds
Of *Doric* land; or who with Saturn old
Fled over *Adria* to th' *Hesperian* fields,
And o'er *the Celtic* roam'd the utmost isles.

(a) Explain the words and phrases italicised.

(b) Explain Milton's conception of Pagan deities, with respect to their origin and reality. Quote his description of any of the Syrian gods.

7. Compare this epic blank verse with that of the passage from Shakespeare, and show how they differ in movement.

8. "The measure is English heroic verse without rimerime being no necessary adjunct or true ornament of a poem or good verse in larger works especially, but the invention of a barbarous age to set off wretched matter and lame metre." Under what circumstances was this opinion given? Is it inconsistent with Milton's earlier practice? Give Milton's judgment as to the essential qualities of good verse.

9. Quote what you can of the Invocation at the opening of *Paradise Lost*. Notice what is characteristic or peculiar in it.

Senior English.

SECOND PAPER.

1. He comes; nor want nor cold his course delay;—
Hide, blushing Glory, hide Pultowa's day;
The vanquished hero leaves his broken bands,
And shows his miseries in distant lands;
Condemn'd a needy supplicant to wait,
While ladies interpose and slaves debate.
But did not Chance at length her error mend?
Did no subverted empire mark his end?
Did rival monarchs give the fatal wound?
Or hostile millions press him to the ground?
His fall was destin'd to a barren strand,
A petty fortress, and a dubious hand.
He left the name, at which the world grew pale,
To point a moral, or adorn a tale.

(a) Explain the historical references in "Pultowa's day," "a needy supplicant," "a petty fortress and a dubious hand."

(b) Illustrate from the above passage the qualities (1) of Johnston's poetic diction, (2) of his versification.

(c) What are the merits of Johnson as a satirist?

2. Gray's Elegy: What is the tone of thought in this poem, and how does it reflect the tenor of Gray's life? Quote the lines which show most appreciation of the scenes of nature. In what metre is it written? Characterize the management of the rhythm and quote what you consider the most effective examples.

3. The grasshopper lark began his sibilous note in my fields last Saturday. Nothing can be more amusing than the whisper of this little bird, which seems to be close by though at a hundred yards distance; and when close at your ear, is scarce any louder than when a great way off. Had I not been a little acquainted with insects, and known that the grasshopper kind is not yet hatched, I should have hardly believed but that it had been a *locusta* whispering in the bushes. The country people

laugh when you tell them that it is the note of a bird. It is a most artful creature, skulking in the thickest part of a bush; and will sing at a yard distance, provided it be concealed. I was obliged to get a person to go on the other side of the hedge where it haunted, and then it would run, creeping like a mouse, before us for a hundred yards together, through the bottom of the thorns; yet it would not come into fair sight; but in a morning early, and when undisturbed, it sings on the top of a twig, gaping and shivering with its wings. Mr. Ray himself had no knowledge of this bird, but received his account from Mr. Johnson, who apparently confounds it with the *Reguli non cristati*, from which it is very distinct.

(a) Illustrate from this passage the characteristics of Gilbert White's style, noticing (1) sentence-structure, (2) diction.

(b) Give some account of White's life and labours. Contrast his style and Gibbon's.

4. (a) Unnumber'd treasures ope at once, and here
The various offerings of the world appear;
From each she nicely culls with various toil,
And decks the goddess with the glitt'ring spoil.
This casket India's glowing gems unlocks,
And all Arabia breaths from yonder box.
The tortoise here and elephant unite,
Transform'd to combs, the speckled and the white,
Here files of pins extend their shining rows,
Puffs, powders, patches, bibles, billet-doux.

(b) Ambition this shall tempt to rise,
Then whirl the wretch from high,
To bitter scorn a sacrifice,
And grinning infamy.

(c) Is there a man, whose judgment clear
Can others teach the course to steer,
Yet runs, himself, life's mad career,
Wild as the wave,
Here pause—and thro' the starting tear,
Survey this grave.

(d) He once was chief in all the rustic trade;
His steady hand the straightest furrow made;
Full many a prize he won, and still is proud
To find the triumphs of his youth allowed.

Name the poems from which these extracts are taken, and give some account of their scope and contents. Compare the rhymed couplet as used in (a) with Chaucer's use of the same measure. To what class of poems does extract (b) belong, and what are the characteristics of that class?

5. Mon that is luef don ylle,
 When the world goth after is wille,
 Sore may *him* drede;
 For *gef* hit tyde so that he *falle*,
 Men shal of is owen galle
 Shenchen him at nede.
 The bet *the* be, the bet the byse
 Quoth Hendyng.

- (a) Translate into modern prose.
(b) Explain the forms "luef," "don," "*gef*," "hit."
(c) Parse the words italicised.

6. Make a four-column analysis of the following words :
Strange, bishop, English, which, wrought.



Junior History.

Candidates are required to answer only eight of the following questions.

1. After the fall of the Western Empire in what parts of Italy did the Eastern Empire continue to maintain its authority, and for how long?

2. What were the effects of the Treaty of Verdun?

3. What changes were effected in French judicature by Louis IX? What circumstances concurred to produce those changes?

4. What is meant by the Holy Roman Empire? Explain the relations of the Emperor and Pope under this Empire?

5. Give a short account of the settlement of the Normans in Naples and Sicily, of the Papal investiture of Naples, and of the relations of the Hohenstauffens with Naples.

6. Regarding alike the close relation between taxation and representation, account for the fact that the English Parliament and the States General of France arrived at results so dissimilar.

7. Explain the rivalry between the Houses of Anjou and Aragon in Italy.

8. Give a short outline of the government of Florence in the thirteenth century.

9. How did the Spanish kingdoms of Leon and Castile become united, and also Castile with Aragon?

10. Hallam says regarding the German constitution: "The changes wrought in the Germanic constitution during the period of the Swabian emperors chiefly consist in the establishment of an oligarchy of electors, and of the territorial sovereignty of the princes." Explain this.

11. Explain the circumstances by which the Italian cities became subject to princely families.

Senior History.

Candidates are required to answer only eight of the following questions.

1. Describe the settlements of the Jutes, Saxons and Angles in Britain, and give a short sketch of their history till they were all united in one Kingdom.

2. What was the nature of the Anglo-Saxon conquest, and what have been the results? Compare with the conquest of Gaul by the Franks.

3. Explain the establishment of christianity among the Anglo-Saxons of Britain, and the relations with the Church in Ireland.

4. Name the several Anglo-Saxon Courts. State their powers and who composed them.

5. What were the relations of the Church to these Courts? What changes did William the Conqueror make in these relations?

6. Describe the judicial changes, and also the changes in the military organization in the reign of Henry II.

7. What were the effects of the loss of Normandy on England?

8. What are the terms of the statutes of Supremacy and Uniformity passed in the first year of Elizabeth's reign?

9. What was the state of representation in England in the beginning of this century, before the passing of the Reform Bill of 1832?

10. Compare cabinet government in the United States with cabinet government in England.

11. How are members of the United States Senate elected?

12. What are the powers of the Supreme Court in regard to the constitution of the United States?

13. Under the British North American Act what are the respective powers of the provincial and the federal governments?

Junior Philosophy.

Only 6 questions to be answered, intra-murals taking 1, 4, 6 and any 3 of the others, extra-murals taking 8, 10, 11 and any 3 of the others.

1. What conception of history is a result of the doctrine of evolution? How far is it true?

2. Outline the view of fate as presented by Æschylus and Sophocles. In what respects is this view inadequate?

3. Is knowledge equal to sensation or a cluster of sensations? State accurately Plato's reasons for answering in the negative, and give your own view.

4. Outline Plato's doctrine of reality.

5. Discuss the relation of the 'mean' to the 'good,' as these principles are found in Aristotle's ethics.

6. Is virtue habit? How does Aristotle answer? How far is it necessary to reconsider his position?

7. Give the theory of justice propounded by Plato and Aristotle. Show that it is an interpretation of Greek life and contrast it in a general way with the modern conception.

8. Outline the philosophy of the Stoics and Epicureans emphasizing especially their points of agreement.

9. Sketch Aristotle's theory of pleasure in its relations with happiness.

10. In what does philosophy, according to Descartes, begin? Examine his conception of the transition from doubt to certainty.

11. What is Berkeley's definition of 'idea'? Show how his theory arose and to what it led.

Senior Philosophy.

1. "Knowledge does not consist in the apprehension of particulars." Explain.

2. Can the geometrical properties of sensible objects be derived from an "association" of sensations? Give reasons for your answer.

3. What reasons may be given for maintaining a philosophical teleology?

4. Examine the Cartesian doctrine of the separation of mind and matter.

5. "As the objective world existed *before* the subject, it must be *independent* of the subject." Criticise this view.

6. Can we identify desire for an *object* with desire for *pleasure*? Give reasons for your answer.

7. State and examine Kant's view of penal justice.

Junior Political Science.

1. In what respects does economic science resemble and differ from the physical sciences?
2. Analyse economic value and distinguish it from other standards of value.
3. Compare the economic and popular uses of the term rent. Discuss the relation of rent to profit.
4. Explain the mechanism of exchange in Canada and its relation to gold.
5. What are at present the chief practical defects in trades unions as means of raising wages?
6. What leads to the failure of competition as a regulating factor in productive industry?

Junior Political Science.

For Extra-mural Students.

1. What is meant by the statement that economics is concerned with measurable motives?

2. Explain what Marshall understands by *utility* as an economic factor. Can *total* and *marginal utility* be determined with accuracy?

2. Explain the Law of Diminishing Returns. What influences counteract it at the present time?

4. In what ways may trade unions increase the efficiency of production while seeking to benefit themselves?

5. What are the defects of the doctrine of individual liberty as applied to economics?

6. How does the development of the cloth manufacture typify the chief features of the Industrial Revolution in England?

7. What are the essential conditions to be observed in order to secure a sound paper money?

Senior Political Science.

1. Why is the historical method especially valuable in the study of Political Science?
2. Compare the positive and negative functions of government.
3. To what extent may slavery be admitted to have been a necessary institution in social development?
4. How do Aristotle's views as to the proper relation between the legislative and executive powers of the state compare with the actual relations between these powers in the government of Canada and the United States?
5. Critically examine the statement that the individual has certain natural rights which society must respect.
6. What is implied in the *law of reason* to which both Hobbes and Locke appeal as a chief factor in constructing and preserving the state?

Senior Political Science.

For Extra-mural Students.

1. Distinguish the truth and error in Locke's view of the social *state of nature* and the influences which guide man in that condition.
2. Compare the theories of Plato and Locke as to the power of the ruler in the state.
3. State and examine Locke's view as to the ultimate grounds of the right of individual property.
4. How has the theory of biological evolution modified the doctrine of individualism since Locke's time?
5. To what extent are we justified in calling society an organism?
6. How does the modern as compared with the ancient state foster the development of individuality?

Junior Mathematics.

Candidates must make at least 25 per cent of the marks allotted to each section, and 40 per cent of the whole.

A.

1. Show that the three perpendiculars of a triangle are concurrent.

2. Two lines which are parallel have a common perpendicular. Prove this, and state the axiom upon which the proof rests.

3. The opposite angles of a concyclic quadrangle are supplementary.

4. A line which makes equal angles with one pair of sides of a concyclic quadrangle, makes equal angles with the other pair of sides, and with the diagonals.

5. Construct the triangle which has three given line-segments as its medians.

6. ABC is a triangle right-angled at B , and BD is perpendicular upon AC . Show that BD is a mean proportional between AD and DC .

7. If a, b, c be the sides of a triangle, and $2s = a + b + c$, prove that the area is $\sqrt{s(s-a)(s-b)(s-c)}$.

8. Two circles touch externally. Show that the square on a common tangent, not through the point of contact, is equal to the rectangle on the diameters.

B.

9. Work out the expansion of $\Sigma a(b+c)^3 - \Sigma (a+b)c^3$.

10. If $fx \equiv \frac{1-x}{1+x}$, show that $f(fx) = x$.

11. (a) Divide

$$a^3(b-c) + b^3(c-a) + c^3(a-b) \text{ by } a+b+c.$$

(b) Expand the fraction $\frac{x}{1-x+x^2-x^3}$ into a series in ascending powers of x , carrying the expansion to 8 terms.

12. Explain how factorization is related to the solution of equations, and illustrate your remarks by solving $x^4 + x^3 + 2x^2 + x + 1 = 0$.

13. If $\frac{a}{b} = \frac{c}{d}$ show that $\frac{ac}{bd} = \frac{a^2 + ac + c^2}{b^2 + bd + d^2}$.

14. Prove that if x is positive $\frac{a+x}{b+x}$ is nearer unity than $\frac{a}{b}$ is.

Thence show that $x = \infty$ is a solution of $x+a=x+b$.

15. $ABCD$ is a square, and P is on the diagonal BD , and PQ is perpendicular to AB . Determine if the triangle APQ has a maximum or a minimum and find its value.

16. (a) Solve the set

$$\left(\frac{1}{x} + \frac{1}{y}\right) \sqrt{x+y} = \frac{32}{15}, \quad \left(\frac{1}{y} - \frac{1}{x}\right) \sqrt{x-y} = \frac{4}{15}$$

(b) A floor 18 by 24 feet is to be two-thirds covered by a carpet, and the width of the bare strip is to be uniform around the room. Find the dimensions of the carpet.

Senior Mathematics.

Candidates must make not less than 25 per cent of the marks allotted to each section, and 40 per cent of those allotted to the whole.

A.

1. Find the sum of the first n natural numbers, and the sum of their squares.

2. Determine if the series

$$6 + 7\frac{1}{2} - 9 + \dots \text{and } -3, -1 + 1 + \dots$$

have a common term.

3. An annuity of P dollars is left unpaid for q years. If it is to run for t years longer, find its present value at r per unit.

4. Assuming the expression for nP_r , derive that for nC_r ; and show that ${}^nC_r + {}^nC_{r-1} = {}^{n+1}C_r$.

5. Write out the first few terms of the expansions of $(1+x)^n$, $(1+x)^{-n}$, $(1-x)^n$ and $(1-x)^{-n}$; and explain the difference in the meaning of the c and h employed in the expansion, writing c_r and h_r each as a function of n .

6. (a) Separate $\frac{3x-2}{(x-1)(x-2)(x-3)}$ into its partial fractions.

(b) Find the sum of n terms of the series whose n th term is $(n+1)(n+2)$.

B.

7. Describe a square to have 5 times the area of a given square.

8. Two triangles which have their sides proportional are similar.

9. The bisectors of the vertical angle of a triangle divide the base into parts which are proportional to the conterminous sides.

10. Show that parallel planes divide any two lines proportionally.

11. Show that there cannot be more than 5 regular polyhedra; name them, giving the numbers of the faces, corners, and edges of each.

12. 'The volume of a cuboid is the product of its dimensions.' Prove this and state exactly what it means.

C.

13. By means of a diagram illustrate what is meant by the sine, cosine, tangent, and secant of an angle, and find the value of each function for 40° , and for 60° .

14. If a, b be the sides of a parallelogram, and θ its acute angle, find the cosine of the angle between the diagonals.

15. (a) Prove that

$$\sin A + \sin B = 2 \sin \frac{1}{2}(A + B) \cos \frac{1}{2}(A - B).$$

(b) Show that $(\sin 15^\circ + \sin 75^\circ)^2 = \frac{3}{2}$.

16. (a) Establish the relation $\cos^2 \frac{1}{2}\theta = \frac{1}{2}(1 + \cos \theta)$.

(b) Show that in any triangle $\frac{a-b}{a+b} = \frac{\tan \frac{1}{2}(A-B)}{\tan \frac{1}{2}(A+B)}$.

Junior Physics.

Properties of Matter, Dynamics, Electricity and Magnetism, Heat and Astronomy.

1. Define the terms decilitre, acceleration, angular velocity, radian, temperature, dew-point, agonic line, potential.

2. What is denoted by g in dynamical science? Give its value in C. G. S. and F. P. S. units for the latitude of Kingston, and then deduce its value in units of a mile and minute.

3. Enunciate Newton's three dynamical laws, and state the immediate deductions from each.

4. Explain clearly how the pressure of the atmosphere is most accurately measured. What is the mean atmospheric pressure (1) at the sea-level, (2) at Queen's?

5. The coefficients of cubical dilatation of glass and mercury are 2.4×10^{-5} and 1.8×10^{-4} . The scale of a barometer is etched on the glass tube and is correct at 0°C . The reading this morning is 76.1 cm. and the temperature is 14°C , find the reduced barometric pressure.

6. A ship is steaming due east across a strong southward current. At the end of 4 hours the ship is found to have gone 40 miles 30° south of east. Find the current.

7. Describe the wet and dry bulb hygrometer. Explain its action. What do we learn from it?

8. Explain how a bar of iron may be magnetized without the aid of either a loadstone or artificial magnet. What are the two fundamental properties of a magnet?

9. What are the different kinds of variations of the magnetic needle? Tell what you know about magnetic storms.

10. How would you shew experimentally the influence of the surrounding dielectric in the electric capacity of a conductor?

11. State the important points to be attended to in the erection of a lightning-rod. How would you illustrate experimentally to a class the action of a lightning-rod?

12. What are the fundamental facts in the production of a galvanic current? Describe any one of the constant voltaic cells.

13. What and where is the Milky Way and of what is it composed?

14. What are the motions of the Sun? What is the distance of the sun from the earth? How is this ascertained?

15. Why do we always see the same side of the moon? How is it known that the earth acts like a large luminary to the moon?

*Additional questions for scholarship-competitors,
and optional questions for extra-murals.*

a. The reading of the barometer at Queen's is 76.1, the temperature 14° , the dew-point 8° , the coefficients of cubical dilatation of glass and mercury are 2.4×10^{-5} and 1.8×10^{-4} , and the barometer scale is etched on the glass tube and is correct at 0° . 'g' at Kingston is 980.54, at Paris 980.94, and the maximum pressure of aqueous vapor at 8° is 0.8 cm. Find the density of the air, given that at the standard temperature and pressure the density of air is 1.2932×10^{-3} , and of steam 8.044×10^{-4} .

b. Given the s. h. of ice to be 0.5, and its s. w. 0.92, find how much heat is required to convert 10 cubic decimetres of ice at -10° into steam at 100° . Take l. h. of water to be 80 and of steam 537.

c. A body of 30 lbs. descending under the action of its weight draws another body of 30 lbs. up a rough plane ($\mu = \frac{1}{3}$) 50 ft. long inclined at $\frac{1}{6}\pi$ to the horizon, by means of a cord passing over a small smooth pully; find when the cord must be cut in order that the ascending body may just reach the top of the plane.

d. A string is wrapped round a regular smooth polygon of n sides and pulled with a tension T ; find the total crushing force at the angular points of the polygon. Hence determine the pressure per unit of length on the circumference of a smooth circular hoop in like circumstances.

e. A cubic decimetre of aluminum (s. w. 2.67) just balances a lump of lead (s. w. 11.35) when both are in water; find to an approximation of the second degree, 1) the real difference of weight in air whose s. w. = .0012, 2) the apparent difference as measured in a common balance against standard masses of s. w. 8.4.

Senior Physics.

Dynamics, Magnetism, Electricity, and Sound.

1. Define dyntach, coefficient of friction, centre of mass, moment of a couple, coercive force, magnetic equator, electromotive force, wave-amplitude, and character of a musical note.

2. Prove the formula $K.E. = \frac{1}{2}mv^2$. A ball of 40 lbs. has a speed of 300 miles per hour; find its kinetic energy in foot-pounds.

3. Prove from the Conservation and Degradation of Energy that, when a ball is thrown up in the air, it takes longer to fall back than to rise.

4. If a force-de-cheval be the unit of activity, g the unit of acceleration, and the weight of a kilogram the unit of force in a scientific system of units; find the units of pressure-intensity and momentum.

5. Forces act at the middle points of a plane polygon, all outwards and at right angles to the sides, and proportional in magnitude to the lengths of the sides, prove that the system is in equilibrium.

6. Prove that the algebraical sum of the moments of two coplanar forces round any point in their plane is equal to the moment of their resultant.

7. Enunciate Coulomb's law of magnetic force. How did he prove it? State another way of proving the law.

8. What is the *point of recalcrescence*? What connection has it with the magnetism?

9. Describe two good experiments to illustrate the power of points in electrification.

10. How would you prove that the electric state of the dielectric is the important factor in the condensation of electricity ?

11. What is meant by the polarization of the electrodes in a voltaic cell ? How is it avoided ?

12. Explain how the speeds of sound 1) in air, 2) in water were determined. What are these speeds ?

13. What is a musical scale ? State the difference between the gammut and the scales of notes given out by a piano.

14. What is resonance ? How would you illustrate it experimentally to a class ?

15. Find how many minor tones are equivalent to an octave.

Optional questions for extra-murals.

a. A body of 100 kilograms pulls by its weight 200 kilograms along a rough horizontal plane ; if the coefficient of friction be 0.2, find the tension of the connecting cord, and the speed after moving through a hectometre from rest.

b. It is found as difficult to drag a body horizontally along a road as to lift it vertically ; what is the greatest inclination to the horizon the road may have without the body unsupported sliding down it ?

c. Explain on what principle electric currents are obtained from a dynamo. Define the unit in terms of which such currents are measured.

d. On what elements does the note given out by a stretched wire depend ? How is this experimentally determined ?

Astronomy.

1. (a) What is the circle of perpetual apparition?

(b) Name the principal constellations in it, and figure them as far as you can.

2. (a) What is the zodiac, and what are the nodes of the earth's orbit?

(b) What constellation of the zodiac is on the meridian at ten o'clock, P.M., on May 1st?

3. Give the two principal causes of the equation of time, drawing graphs to represent the part of the equation depending upon each, and the parts combined.

4. (a) What is the precession of the equinoxes?

(b) How does it affect the tabulated places of the stars?

5. What is the nutation, and what is its period?

6. Give the cause and nature of the moon's evection.

7. (a) Explain what is meant by eclipse limits, and give their values.

(b) If there be three eclipses at one eclipse period, they will be one total lunar and two small solar ones on opposite limbs of the sun. Explain the reason of this.

8. If we have a total lunar eclipse at any time, explain under what conditions we may, or may not, expect another total lunar eclipse within 6 months.

Junior Chemistry.

1. Enunciate the *Law of Combining Proportions*. Apply it to compounds of hydrogen, oxygen, and nitrogen.

2. Compare the nitrates and chlorides of silver, calcium, and bismuth with the corresponding bases. Illustrate by examples the distinction between normal and basic nitrates.

3. (a) What are the characteristic properties of ammonia? (b) Describe *two* ways in which chlorine acts on ammonia.

4. Why is the formula for ethylene written C_2H_4 and not CH_2 ?

5. (a) Describe the characteristic properties of hydrochloric acid. (b) Point out differences between the chlorides of metals and the chlorides of non-metals. (c) Compare the chemical changes which take place when sulphuric acid is poured on sodium chloride, sodium bromide, and sodium iodide, respectively.

6. How would you make a specimen of carbon dioxide? How distinguish it from nitrogen and from carbon monoxide?

7. Sulphur is burned and the products of combustion are passed into water. To the resulting solution iodine is added. Write equations for the chemical changes which take place.

8. Phosphorus is treated with as much chlorine as it will absorb. To the compound water is added slowly. Write the equations.

9. Compare carbon and silicon, giving some account of the importance of each in nature.

10. Outline the chemistry of the metals of the alkalis.

Senior Chemistry.

1. A silver coin is dissolved in nitric acid. To one portion of the solution hydrochloric acid is added ; to another, excess of ammonia. Describe carefully what takes place, giving names and formulas of compounds formed at each stage.

2. Describe, giving equations, four ways of reducing ferric chloride to a ferrous salt,

or

(2. Write a short account of the principal compounds of lead).

3. Outline the different ways in which silver is obtained from its ores.

4. Outline the chemistry of manganese.

5. Illustrate the way in which the *Periodic Law of the Elements* has been used to decide doubtful atomic weights.

6. Mention and discuss instances of *reversal of chemical change* (a) by the action of mass and (b) by change of temperature.

Crystallography.

1. Describe the characteristics of the six crystal systems.

2. Explain what is meant by *axial ratio*, and illustrate by reference to the tetragonal and orthorhombic systems.

3. Describe carefully the form $_2\text{O}$.

4. Describe the model A and the crystal B, mentioning the system, and names and formulas of forms.

Qualitative Analysis.

Analyse the solutions A and B containing each not more than two acids and two bases.

Junior Chemistry

(MEDICAL).

1. (a) What are the characteristic properties of ammonia? (b) How can nitrogen be obtained from it?

2. (a) Show by examples the meaning of the term *chemical valence*. (b) The formula for sulphuric acid is H_2SO_4 . Iron (Fe) is trivalent in ferric salts. Write the formula for *ferric sulphate* and explain how the formula is derived from that of sulphuric acid.

3. Phosphorus is burned in air. The product is dissolved in water, the solution boiled and neutralised with caustic soda. To the neutral solution there is added a solution of calcium chloride. Describe the chemical changes which are here indicated, giving names and formulas of compounds.

4. Describe the process by which common alcohol is obtained, indicating particularly the chemical changes involved.

5. (a) What is the normal proportion of carbon dioxide in the atmosphere? (b) How is this proportion affected by (1) breathing and (2) gas flames? (c) How would you test roughly for the proportion of carbon dioxide?

6. Calculate the percentage composition of potassium nitrate ($\text{K}=39.1$, $\text{N}=14$, $\text{O}=16$).

7. (a) What substances are formed when ammonium nitrate is strongly heated? (b) How would you collect and test the properties of the gaseous product?

Senior Chemistry

(MEDICAL).

1. (a) Discuss the action of water on lead. (b) How would you test a sample of water for lead?

2. Give a short account of the principal compounds of chromium.

3. (a) How would you convert a solution of ferrous chloride into one of ferric chloride? (b) Write the formulas for ferrous phosphate and ferric phosphate. (c) Magnetite is dissolved in hydrochloric acid. Write the equation.

4. Classify organic basic substances (a) as to their origin, and (b) as to their chemical composition.

5. Write equations for the reactions which take place when sulphuric acid acts on (a) ethyl alcohol and (b) benzene, and when nitric acid acts on (c) sugar, and (d) phenol.

6. (a) How are sulphonic acids prepared? (b) Compare them with ethereal salts of sulphuric acid.

Mineralogy and Blowpipe Analysis.

1. Give (a) the kinds of lustre, (b) the scale of hardness, (c) the odors, stating how they are brought out.

2. Give (a) the characteristics of crystals belonging to the *hexagonal system*, (b) the *holohedral* forms of the *orthorhombic system*.

3. Describe carefully the minerals constituting the rock *granite*.

4. Distinguish (a) graphite and specularite.

(b) pyrite and chalcopyrite.

(c) chalcocite and galenite.

(d) amphibole and pyroxene.

(e) gold and minerals that resemble it.

5. Give the names, compositions and occurrences of the prominent ores of iron.

6. Identify by field tests the minerals labelled *a, b, c, d*.

7. Give the uses of (a) two minerals of economic value to the agriculturalist, (b) two minerals of economic value to the manufacturer.

8. Give the various uses of soda as a blowpipe reagent.

9. Give the blowpipe characters of (a) sphalerite, (b) barite, (c) quartz, (d) chromite.

10. State the elements in minerals that may be detected by coatings on charcoal, giving descriptions of the coatings.

11. Mention the elements whose compounds color the blowpipe flame red, and how you would distinguish them.

12. Determine with the blowpipe the numbered samples.

Junior Botany.

1. Explain how succession in time of all normally developed parts may be inferred from the succession in space.
2. By what characters are leaves distinguished?
3. Explain why leaves die so soon.
4. Classify the different modes in which plants climb, giving examples.
5. Define the different kinds of subterranean stems.
6. How are roots distinguished from stems?
7. Write notes on the cell under the heads of (1) cell-wall, (2) protoplasm, (3) cell-sap.
8. Describe two branch-systems, or modes of branching.
9. Define the three most common tissue-systems.
10. Give the main characters of Ranunculaceæ, and describe fully one of the following plants:—*Ranunculus abortives*, *Erysimum cheiranthoides*, *Viola canadensis*, *Cerastium nutans*.

First Year Geology.

1. Shew to what extent geology is related to the other physical and natural sciences.

2. "The true purpose of education is the acquisition of both culture and useful knowledge."

How are both these ends attained in the study of geology?

3. Give a short description of each of the following rocks and classify them according to (a) chemical composition, (b) mode of origin: basalt, diabase, gneiss, obsidian, quartzite, siliceous sinter, syenite.

4. State how mineral veins originate and name the chief gangue stones.

5. Write a short paper on the formation of anchor ice and the geological effects produced by it.

6. "All the remains of plants and animals hidden in the rocks have something to tell of the climatic conditions and the general circumstances under which they were formed."

Explain why you consider this to be a correct statement. Illustrate your answer by reference to the geology of Ontario.

7. Define, briefly, the following genera and state the periods of which each is more especially characteristic:—*diplograptus*, *zaphrentis*, *micelinea*, *asaphus*, *lingula*, *ammonite*.

8. Describe, briefly, the rise and development of vertebrate forms during the Palæozoic and Mesozoic Ages.

9. Name the fossils labelled A, B, C, D, respectively and state the formations in which they occur.

Junior Animal Biology.

1. Classify cells on the bases of (a) their shape, (b) contents, (c) function, (d) origin.

2. (a) Give a general classification of worms. (b) Indicate their relationship to the echinodermata.

3. Compare the anatomy of the earthworm with that of the leech.

4. What is meant by the Tracheata? What classes are included under that term? Write notes on the development of the crustacea.

5. (a) What are the distinguishing characters of the vertebrata ?

(b) Trace the modifications of the pectoral girdle and of an anterior appendage in the Craniata.

HONOURS.

Latin Prose.

For First Year.

Translate into Latin :

You can form some idea, gentlemen, from your own historical records, of the high character of this sovereign. The hero of a hundred fights, he showed as a commander on the field of battle consummate energy, prudence, and courage. Sulla was an able general ; but Sulla had to conclude a peace with him that did not reflect too much credit upon this country. Lucullus was an able general ; but Lucullus met with absolute failure in attempting to crush him. It would be a long story simply to enumerate the battles that he fought by sea and land, the cities that he captured, the victories that he won. Even in the hour of defeat and disaster he never lost heart, conceiving ever bolder and bolder schemes. He would unite the Atlantic Ocean with the Black Sea, and combine the courage and endurance of Spain with the countless hordes of Asia ; he would attack his enemy with a powerful fleet and exhaust her strength by a protracted siege.

Final.

(a) The loyalty of the men of Dundee was not to be overcome, and the height of the walls rendered it impossible to carry the city by storm. The besiegers were worn out by the length of the blockade, as the vigilance of the defenders was incessant except at noon, when the walls appeared to be abandoned and quiet pervaded the town. General Monk remarked this for several days, and setting himself to discover the cause found out from a prisoner that the inhabitants followed an ancestral custom of dining heavily in the middle of the day, and then betook themselves to rest. He adroitly determined to avail himself of the opportunity by stratagem.

(b) And now, Sir, having done my duty to the bill, let me say a word to the author. I should leave him to his own noble sentiments, if the unworthy and illiberal language with which he has been treated, beyond all example of parliamentary liberty, did not make a few words necessary; not so much in justice to him, as to my own feelings. I must say, then, that it will be a distinction honourable to the age, that the rescue of the greatest number of the human race that ever were so grievously oppressed, from the greatest tyranny that was ever exercised, has fallen to the lot of abilities and disposition equal to the task; that it has fallen to one who has the enlargement to comprehend, the spirit to undertake, and the eloquence to support, so great a measure of hazardous benevolence.

HONOURS.

Latin.

Vergel.

A.

Translate :

- (a) Namque canebat, uti magnum per inane coacta
semina terrarumque animaeque marisque fuissent
et liquidi simul ignis; ut his exordia primis
omnia et ipse tener mundi concreverit orbis;
tum durare solum et discludere Nerea ponto
coeperit et rerum paulatim sumere formas;
iamque novom terrae stupeant lucescere solem,
altius atque cadant summotis nubibus imbres;
incipiant silvae cum primum surgere, cumque
rara per ignaros errent animalia montis.
- (b) Ipse cava solans aegrum testudine amorem
te, dulcis coniunx, te solo in litore secum,
te veniente die, te decedente canebat.
Taenarias etiam fauces, alta ostia Ditis,
et caligantem nigra formidine lucum
ingressus manisque adiit regemque tremendum
nesciaque humanis precibus mansuescere corda,
at cantu commotae Erebi de sedibus imis
umbrae ibant tenues simulacraque luce carentum,
quam multa in foliis avium se milia condunt,
vesper ubi aut hibernus agit de montibus imber,
matres atque viri defunetaque corpora vita
magnanimum heroum, pueri innuptaeque puellae,
impositique rogis iuvenes ante ora parentum;
quos circum limus niger et deformis harundo
Cocytus tarda palus inamabilis unda
alligat, et noviens Styx interfusa coercet.
- (c) Quaerenti et tectis urbis sine fine ruenti
infelix simulacrum atque ipsius umbra Creusae
visa mihi ante oculos et nota maior imago.
obstupui, steteruntque comae et vox faucibus haesit.
'quid tantum insano iuvat indulgere dolori,
o dulcis coniunx? non haec sine numine divom
eveniunt; nec te hinc comitem asportare Creusam
fas aut ille sinit superi regnator Olympi.
longa tibi exilia, et vastum maris aequor arandum:
et terram Hesperiam venies, ubi Lydius arva

inter opima virum leni fluit agmine Thybris.
 illic res laetae regnumque et regia coniunx
 tum sic adfari et curas his demere dictis
 parta tibi: lacrimas dilectae pelle Creusae.
 non ego Myrmidonum sedes Dolopumve superbas
 aspiciam aut Graiis servitum matribus ibo
 Dardanis et divae Veneris nurus,
 sed me magna deum genetrix his detinet oris.
 iamque vale et nati serva communis amorem.'

- (d) Quis te, magne Cato, tacitum aut te, Cosse, relinquat
 quis Gracchi genus aut geminos, duo fulmina belli,
 Scipiadas, cladem Libyae, parvoque potentem
 Fabricium vel te sulco, Serrane, serentem?
 quo fessum rapitis, Fabii? tun Maximus ille es,
 unus qui nobis cunctando restituis rem?
 excudent alii spirantia mollius aera
 (cedo equidem), vivos ducent de marmore voltus,
 orabunt causas melius, caelique meatus
 describent radio et surgentia sidera dicent:
 tu regere imperio populos, Romane, memento
 (haec tibi erunt artes) pacique imponere morem,
 parcere subiectis et debellare superbos.

1. Refer each extract to its proper context.
2. Describe in your own words what is referred to in (b).
3. Estimate briefly the influence of Lucretius on Vergil.

B.

(Answer any two of the following questions):

1. Give some account of Vergil's *Eclogues*, taking them up in the probable order of their composition.
2. What personal characteristics of Vergil appear in the *Eclogues*?
3. What aesthetic objections to didactic poetry? Compare from this point of view Hesiod, Lucretius and Vergil.
4. How far is the *Aeneid*, viewed as an epic of human life, (a) a success, (b) a failure?

HONOURS.

Latin.

Cicero, *De Natura Deorum*, B. II; Lucretius, *De Rerum Natura*, B. III.

(Only six questions to be attempted).

1. Translate :

Si ex oliva modulate canentes tibiae nascerentur, num dubitares, quin inesset in oliva tibicinii quaedam scientia? Quid, si platani fidiculas ferrent numerose sonantes? idem scilicet censes in platanis inesse musicam. Cur igitur mundus non animans sapiensque iudicetur, cum ex se procreet animantis atque sapientis?

Re-state and criticise the argument.

2. Translate :

Audiamus enim Platonem quasi quendam deum philosophorum; cui duo placet esse motus, unum suum, alterum externum; esse autem divinius, quod ipsum ex se sua sponte moveatur, quam quod pulsus agitetur alieno. Hunc autem motum in solis animis esse ponit, ab hisque principium motus esse ductum putat. Quapropter, quoniam ex mundi ardore motus omnis oritur, is autem ardor non alieno impulsu, sed sua sponte movetur, animus sit necesse est; ex quo efficitur animantem esse mundum.

Explain Plato's statement. How does C. apply it?

3. Translate :

Infima est quinque errantium terraeque proxima stella Veneris, quae *Φωσφόρος* Graece, Lucifer Latine dicitur, cum antegreditur solem, cum subsequitur autem, *Εσπερος*; ea cursum anno conficit et latitudinem lustrans signiferi orbis et longitudinem, quod idem faciunt stellae superiores, neque umquam ab sole duorum signorum intervallo longius discedit tum antecedens, tum subsequens.

Explain fully.

4. Translate :

Extra autem eminent quae appellantur aures et tegendi causa factae tutandique sensus, et ne adiectae voces laberentur atque errarent, prius quam sensus ab iis pulsus esset. Sed duos et

quasi corneolos habent introitus multisque cum flexibus, quod his naturis relatus amplificatur sonus; quocirca et in fidibus testudine resonatur aut cornu, et ex tortuosis locis et inclusis *soni* referuntur ampliores.

Refer this to its place in the general plan of the second book. Is the argument sound ?

5. Translate :

Is tibi nunc animus quali sit corpore et unde constiterit pergam rationem reddere dictis. principio esse aio persuptilem atque minutis perquam corporibus factum constare. id ita esse hinc licet advertas animum ut pernoscere possis. nil adeo fieri celeri ratione videtur, quam sibi mens fieri proponit et inchoat ipsa: ocius ergo animus quam res se perciet ulla, ante oculos quorum in promptu natura videtur: at quod mobile tanto operest, constare rutundis perquam seminibus debet perquamque minutis, momine uti parvo possint impulsam moveri.

What does L. mean by *animus*?

6. Translate :

Illud in his rebus nequaquam sumere possis, Democriti quod sancta viri sententia ponit, corporis atque animi primordia, singula privis adposita, alternis variare, ac nectere membra. nam cum multo sunt elementa minora animai quam quibus e corpus nobis et viscera constant, tum numero quoque concedunt et rara per artus dissita sunt dumtaxat; ut hoc promittere possis, quantula prima queant nobis iniecta ciere corpora sensiferos motus in corpore, tanta intervalla tenere exordia prima animai.

Give some account of Democritus. How does L. refute him here ?

7. Translate :

Quod si forte putas extrinsecus insinuatam permanare animam nobis per membra solere, tanto quique magis cum corpore fusa peribit. quod permanat enim dissolvitur, interit ergo. dispertitus enim per caulas corporis omnis ut cibus, in membra atque artus cum diditur omnis,

disperit atque aliam naturam sufficit ex se,
sic anima atque animus quamvis integra recens in
corpus eunt, tamen in manando dissoluuntur,
dum quasi per caulas omnis diduntur in artus
particulae quibus haec animi natura creatur,
quae nunc in nostro dominatur corpore nata
ex illa quae tum periit partita per artus.

Re-state the argument in your own words.

8. Translate :

Inde alii multi reges rerumque potentes
occiderunt, magnis qui gentibus imperitarunt.
ille quoque ipse, viam qui quondam per mare magnum
stravit iterque dedit legionibus ire per altum
ac pedibus salsas docuit superire lucunas
et contempsit equis insultans murmura ponti,
lumine adempto animam moribundo corpore fudit.
Scipiadas, belli fulmen, Carthaginis horror,
ossa dedit terrae proinde ac famul infimus esset.
adde repertoires doctrinarum atque leporum,
adde Heliconiadum comites; quorum unus Homerus
sceptra potitus eadem aliis sopitu' quietest.

Indicate peculiarities in the versification of this extract.

Cicero's Orations, Livy, Tacitus.

Translate :

(a) Putares, cum in eiusdem anni custodia te atque L. Murenam fortuna posuisset, aliquo te cum hoc rei publicae vinculo esse coniunctum; quod atrociter in senatu dixisti, aut non dixisses aut, si posuisses, mitiorem in partem interpretarere. Ac te ipsum, quantum ego opinione auguror, nunc et animi quodam impetu concitatum et vi naturae atque ingenii elatum et recentibus praeceptorum studiis flagrantem iam usus flectet, dies leniet, aetas mitigabit. Etenim isti ipsi mihi videntur vestri praeceptores et virtutis magistri fines officiorum paulo longius, quam natura vellet, protulisse, ut, cum ad ultimum animo contendissemus, ibi tamen, ubi oporteret, consisteremus.

(b) Ego M. Bibulo, praestantissimo cive, consule nihil praetermisi, quantum facere enitque potui, quin Pompeium a Caesaris coniunctione avocarem. In quo Caesar felicior fuit. Ipse enim Pompeium a mea familiaritate diiunxit. Postea vero quam se totum Pompeius Caesari tradidit, quid ego illum ab eo distrahere conarer? Stulti erat sperare, suadere impudentis. Duo tamen tempora inciderunt, quibus aliquid contra Caesarem Pompeio suaserim. Ea velim reprehendas, si potes, unum, ne quinquennii imperium Caesari prorogaret, alterum, ne pateretur ferri, ut absentis eius ratio haberetur.

(c) Nam si verborum disceptationis res esset, quid foedus Hasdrubalis cum Lutatii priore foedere, quod mutatum est, comparandum erat, cum in Lutatii foedere diserte additum esset, ita id ratum fore, si populus censuisset, in Hasdrubalis foedere nec exceptum tale quicquam fuerit, et tot annorum silentio ita vivo eo comprobatum sit foedus, ut ne mortuo quidem auctore quicquam mutaretur. quamquam, et si priore foedere staretur, satis cautum erat Saguntinis sociis utrorumque exceptis. nam neque additum erat iis, qui tunc essent nec ne qui postea adsumerentur.

(d) Igitur cupido Caesarem invadit solvendi suprema militibus ducique, permoto ad miserationem omni qui aderat exercitu ob propinquos, amicos, denique ob casus bellorum et sortem hominum. praemisso Caecina, ut occulta saltuum scrutaretur pontesque et aggeres umido paludum et fallacibus campis inponeret, incedunt maestos locos visuque ac memoria deformis. prima Vari castra lato ambitu et dimensis principiis trium legionum manus ostentabant: dein semiruto vallo, humili fossa accisae iam reliquiae consedis intellegebantur: medio campi albertia ossa, ut fugerant, ut restiterant, disiecta vel aggerata, adiacebant fragmina telorum equorumque artus, simul truncis arborum antefixa ora.

1. Refer each of the above extracts to its proper context.

2. Give some account of Roman *ludi*.

3. Criticize Livy's historical method.

4. What powers and titles of the old republican constitution were assumed by Augustus?

(Answer any three of the following questions):

1. Describe the tenure of landed property under the Republic as the Ager Romanus, the Ager Publicus and the Ager Privatus. With which of these did the agrarian law of Tiberius Gracchus propose to deal?

2. Explain the changes proposed by Caius Gracchus in the position and the power and privileges of the Equites and also of the Judices.

3. What was the character of the Sullan constitution?

4. Criticize the character of Cinna, Sulla, and Cicero.

5. What changes did Sulla make in the constitution of the Senate?

6. Who formed the first Triumvirate? Criticize the character of each of the members.

7. Why did Caesar not at once follow Pompey to Greece? Who were the leaders of the Pompeian party in Sicily, Spain and Africa?

Honour Latin.

Comedy and Satire.

I.

Translate :

- (a) ST. Neque umquam quisquamst, quouis ille ager fuit,
Quin pessume ei res uorterit. quorum fuit,
Alii exulatum abierunt, alii emortui,
Alii se suspendere. en, nunc hic quouis est
Vt ad incitast redactus. PH. Apage a me istum agrum.
ST. Magis apage dicas, si omnia me audiueris.
Nam fulguritae sunt alternae arbores:
Sues moriunter angina acerrume.
Oues scabrae sunt, tam glabrae, en, quam haec est manus.
Tum autem Surorum, genus quod patientissimumst
Hominum, nemo extat qui ibi sex mensis uixerit:
Ita cuncti solstitiali morbo decidunt.
PH. Credo ego istuc, Stasime, ita esse: set Campans genus
Multo Surorum iam antidit patientiam.

Plautus, *Trinummus*.

- (b) DE. Quanta me cura et sollicitudine adficit
Gnatus, qui me et se hisce inpediuit nuptiis!
Neque mi in conspectum prodit, ut saltem sciam,
Quid de hac re dicat quidue sit sententiae.
Abi, uise redieritne iam an non dum domum.
GE. Eo. DE. Videtis quo in loco res haec siet:
Quid ago? dic, Hegio. HE. Ego? Cratinum censeo.
Si tibi uidetur. DE. Dic, Cratine. CRA. Mene uis?
DE. Te. CRA. Ego quae in rem tuam sint ea uelim facias:
mihi
Sic hoc uidetur: quod te absente hic filius
Egit, restitui in integrum aequomst et bonum:
Et id inpetrabis. dixi. DE. Dic nunc, Hegio.
HE. Ego sedulo hunc dixisse credo: uerum itast,
Quot homines tot sententiae: suos quoique mos.
Mihi non uidetur quod sit factum legibus
Rescindi posse: et turpe inceptust. DE. Dic, Crito.
CRI. Ego amplius deliberandum censeo:
Res magnast. HE. Numquid nos uis? DE. Fecistis
probe.

Terence, *Phormio*.

1. Parse (giving principal parts) *exulatum*, *suspendere*, *vixerit*, *decidunt*, *prodit*.

2. Write notes on *ad incitast redactus*, *Surorum*, *solstitiali*, *Campanis genus*, *restitui in integrum*, *sedulo*, *de-liberandum*.

3. Refer each of the above extracts to its proper place in the plot.

4. Compare Plautus and Terence as to (a) comic power, (b) diction, (c) adhesion to the Greek model, using the above extracts for illustration.

II.

Translate :

- (a) Ergo ubi me in montes et in arcem ex urbe removi,
Quid prius inlustrem satiris Musaue pedestri?
Nec mala me ambitio perdit nec plumbeus Auster
Autumnusque gravis, Libitinae quaestus acerbae.
Matutine pater, seu Iane libentius audis,
Vnde homines operum primos vitaeque labores
Instituunt (sic dis placitum), tu carminis esto
Principium. Romae sponsorem me rapis. 'Eia,
Ne prior officio quisquam respondeat, urge.'
Sive Aquilo radit terras seu bruma nivalem
Interiore diem gyro trahit, ire necessest
Postmodo, quod mi obsit, clare certumque locuto
Luctandum in turba et facienda iniuria tardis.

Horace, *Satires II*.

- (b) Non quo more piris vesci Calaber iubet hospes
Tu me fecisti locupletem. 'Vescere, sodes.'
'Iam satis est.' 'At tu, quantum vis, tolle.' 'Benigne'
'Non invisa feres pueris munuscula parvis.'
'Tam teneor dono, quam si dimittar onustus.'
'Vt libet: haec porcis hodie comedenda relinques.'
Prodigus et stultus donat quae spernit et odit:
Haec seges ingratos tulit et feret omnibus annis.
Vir bonus et sapiens dignis ait esse paratus,
Nec tamen ignorat quid distent aera lupinis.
Dignum praestabo me etiam pro laude merentis.

Id., *Epistles I*.

(e) Sed vatem egregium, cui non sit publica vena,
 Qui nihil expositum soleat deducere, nec qui
 Communi feriat carmen triviale moneta,
 Hunc, qualem nequeo monstrare et sentio tantum,
 Anxietate carens animus facit, omnis acerbi
 Impatiens, cupidus silvarum aptusque bibendis
 Fontibus Aonidum. Neque enim cantare sub antro
 Pierio thyrsumque potest contingere maesta
 Paupertas atque aeris inops, quo nocte dieque
 Corpus eget: satur est, quum dicit Horatius euhoe!
 Qui locus ingenio, nisi quum se carmine solo
 Vexant et dominis Cirrhae Nysaeque feruntur
 Pectora vestra, duas non admittentia curas?

Juvenal, *Satire VII.*

1. Write notes on (a) *pedestri, plumbeus, Libitinae, bruma, interiore gyro*; (b) *Calaber, sodes, dignis, lupinis, merentis*; (c) *deducere, feriat, triviale, moneta, Aonidum, Pierio, Cyrrhae, Nysae*.

2. In what connection does each of the above extracts occur?

3. "The greatness of a poet may be estimated by the number of household words he has left us." Illustrate from Horace.

III.

Answer any one of the following questions:

1. "The Greek play, with its various scenes united by the thread of a single story, drove the *satura* from the stage." Explain fully.

2. Give some idea of the life represented in Roman comedy. How far would the representation have (a) an educative, (b) a corrupting influence?

3. "Neither Juvenal nor Pope resembles Horace." Explain. Define briefly the special characteristics of Horace's satire.

4. Give some estimate of Juvenal (a) as a poet, and (b) as a moralist.

Honour Latin.

Sight Translation.

Translate at sight :

VETURIA AND CORIOLANUS.

(a) Tum matronae ad Veturiam matrem Coriolani, Volumniamque uxorem frequentes coeunt. id publicum consilium, an muliebris timor fuerit, parum invenio. Pervicere certe, ut et Veturia magno natu mulier, et Volumnia, duos parvo ex Marcio ferens filios secum, in castra hostium irent; et, quam armis viri defendere urbem non possent, mulieres precibus lacrymisque defenderent. Ubi ad castra ventum est, nunciatumque Coriolano adesse ingens mulierum agmen, in primo, ut qui nec publica majestate in legatis, nec in sacerdotibus religione motus esset, multo obstinatio adversus lacrymas muliebres erat. Dein familiarum quidam, qui insignem moestitia inter ceteras cognoverat Veturiam, inter nurum nepotesque stantem, Nisi me frustrantur, inquit, oculi, mater tibi conjuxque et liberi adsunt. Coriolanus prope ut amens, consternatus, ab sede sua quum ferret matri obviae complexum, mulier in iram ex precibus versa, Sine, priusquam complexum accipio, sciam, inquit, ad hostem, an ad filium venerim: captiva, materne in castris tuis sim? In hoc me longa vita, et infelix senectra traxit, ut exulem te, deinde hostem viderem? Potuisti populari hanc terram, quae te genuit atque aluit? Non tibi, quamvis infesto animo et minaci perveneras, ingredienti fines ira cecidit? non, quum in conspectu Roma fuit, occurrit, intra illa moenia domus ac penates mei sunt, mater, conjux, liberique? Ergo ego nisi peperissem, Roma non oppugnaretur: nisi filium haberem, libera in libera patria mortua essem. Sed ego nihil jam pati, quod non sit tibi turpius quam mihi miserius, possum: nec, ut sim miserrima, diu futura sum. De his videris: quos, si pergis, aut immatura mors, aut longa servitus manet. Uxor deinde ac liberi amplexi. Fletusque ab omni turba mulierum ortus, et comploratio sui patriaeque, fregere tandem virum. complexus inde suos, dimittit: ipse retro ab urbe castra movit. Abductis deinde legionibus ex agro Romano, invidia rei oppressum perisse tradunt; alii alio leto. apud Fabium, longe antiquissimum auctorem, usque ad senectutem vixisse eundem invenio. Refert certe hanc saepe eum exacta aetate usurpasse vocem, Multo miserius seni exsilium esse.

Livy.

DIRECTIONS FOR HIS FUNERAL.

- (b) Quandocumque igitur nostros mors claudet ocellos,
Accipe quae serves funeris acta mei.
Nec mea tunc longa spatietur imagine pompa,
Nec tuba sit fati vana querella mei,
Nec mihi tunc fulcro sternatur lectus eburno,
Nec sit in Attalico mors mea nixa toro.
Desit odoriferis ordo mihi lancibus, adsint
Plebei parvae funeris exequiae.
Sat mea sat magnast, si tres sint pompa libelli,
Quos ego Persephonae maxima dona feram.
Tu vero nudum pectus lacerata sequeris,
Nec fueris nomen lassa vocare meum,
Osculaque in gelidis pones suprema labellis,
Cum dabitur Syrio munere plenus onyx.
Deinde, ubi suppositus cinerem me fecerit ardor,
Accipiat Manes parvola testa meos,
Et sit in exiguo laurus super addita busto,
Quae tegat extincti funeris umbra locum,
Et duo sint versus 'qui nunc iacet horrida pulvis,
Vnius hic quondam servus amoris erat.'
Nec minus haec nostri notescet fama sepulchri,
Quam florent Phthii busta cruenta viri.
Tu quoque si quando venies ad fata, memento
Hoc iter: ad lapides cana veni memores.
Interera cave sis nos aspernata sepultos:
Nonnihil ad verum conscia terra sapit.

Propertius.

Grammar and Philology.

1. State clearly when *cum* takes the indicative, and when it takes the subjunctive.

2. State the construction with *refert* and *interest*.

3. What is the substitute for a fut. inf. pass. when the verb has no supine?

4. Mention some words and phrases with which *qui* takes the subjunctive.

5. When does the optative refer to the past?

6. State the constructions following *καίπερ*, *ὅπως*, *ἐφ' ᾧ* τε. Illustrate.

7. State the difference between *ἕως* and *πρὶν* in meaning and construction.

8. What are the different constructions that follow *ἵνα*?

9. Illustrate some of the more common gradation-series.

10. Show that the four conjugations of Latin are reducible to one.

11. Account for the origin of *ω* in the first person singular of *λύω*.

12. How are the long vowels after the augment to be explained in *ἔάλων*, *ἔώρων*?

13. Explain the contraction of the augment in *ἦγον*, *ἦλθον*, *ᾤρτο*.

14. Give the history of the use of the augment in the different periods of Greek literature.

15. Give the history of the Greek perfect.

16. How are the forms *ἐθέλγησθα*, *ἐθέλγησι* to be explained?

FINAL HONOURS.

Greek.

Herodotus, Thucydides, Demosthenes.

Translate with notes, grammatical and explanatory :

Thucydides I., 80.

II, 61.

III, 57.

Herodotus VIII, 88.

De Corona, 189–192.

FINAL HONORS.

Greek.

Aeschylus, Sophocles, Pindar, Theocritus.

Translate with notes explanatory and grammatical :

Aeschylus, Prom. V, 886-906.

Agam. 914-930.

Sophocles, Antig. 700-717.

Oed. R. 1008-1026.

Electra, 804-823.

Pindar, Isth. VII, 10-27.

Theocritus, Id. I, 64-84.

FINAL HONOURS.

Greek.

Plato and Aristotle.

Translate :

Republic I, 18.—C.
IV, 9.—B.

1. What part is assigned to Poetry and under what limitations in the Platonic state ?

2. Give the details of the analogy between the state and the individual.

Translate :

Ethics II, 6, 18–20.
X, 4, 5–7.

2. Expound and illustrate Aristotle's doctrine of Causes.

2. In what relation do external goods stand to εὐδαιμονία? Compare with the teaching of the New Testament.

Honours in Classics.

I.

Translate :

Eurip., Med. 1094–1115.

1. What objections are there to connecting *δαίμων* with *χυρήσαι*?

2. Account for the subordinate part played by the Chorus in Euripides as compared with his predecessors in the drama.

II.

Translate :

Aristophanes, Clouds 960–983.

1. *τὴν δρμονίαν*. Which of the musical styles is indicated?

2. What does the poet mean by *ὁ ἄδικος λόγος*. In what relation does Socrates stand to it?

III.

Translate : Homer, Odyssey.

(a) VI, 99–109.

(b) IX, 480–493.

1. Parse (a) *τάρφθεν, γέγηθε*; (b) *ὥσα, πρήσσουντες*.

2. Describe Homer's conception of the Underworld as given in B. XI. What effect had the drinking of the blood upon the Ghosts?

3. On what did the Chorizontes base their views?

Greek.

Prose.

I dare say, Lysis, I said, that your father and mother love you very much.

That they do, he said.

And they would wish you to be perfectly happy.

Yes.

But do you think that any one is happy who is in the condition of a slave, and who cannot do what he likes?

I should think not indeed, he said.

And if your father and mother love you, and desire that you should be happy, no one can doubt that they are very ready to promote your happiness.

Certainly, he replied.

And do they then permit you to do what you like, and never rebuke you or hinder you from doing what you desire?

Yes, indeed, Socrates; there are a great many things which they hinder me from doing.

What do you mean? I said. Do they want you to be happy, and yet hinder you from doing what you like? for example, if you want to mount one of your father's chariots, and take the reins at a race, they will not allow you to do that—they will prevent you?

Certainly, he said, they will not allow me to do that.

Whom then will they allow?

There is a charioteer, whom my father pays for driving.

And do they trust a hireling more than you? and may he do what he likes with the horses? and do they pay him for this?

They do.

FINAL HONOURS.

Greek.

Sight Translation.

VIRTUE IS TEACHABLE.

οὐδεὶς γὰρ κολάζει τοὺς ἀδικοῦντας πρὸς τούτῳ τὸν νοῦν ἔχων καὶ τούτου ἕνεκα, ὅτι ἠδίκησεν, ὅστις μὴ ὥσπερ θηρίου ἀλογίστως τιμωρεῖται· ὁ δὲ μετὰ λόγου ἐπιχειρῶν κολάζειν οὐ τοῦ παρεληλυθότος ἕνεκα ἀδικήματος τιμωρεῖται—οὐ γὰρ ἂν τό γε πραχθὲν ἀγένητον θείῃ—ἀλλὰ τοῦ μέλλοντος χάριν, ἵνα μὴ αὐθις ἀδικήσῃ μήτε αὐτὸς οὗτος μήτε ἄλλος ὁ τοῦτον ἰδὼν κολασθέντα. καὶ τοιαύτην διάνοιαν ἔχων διανοεῖται παιδευτὴν εἶναι ἀρετὴν· ἀποτροπῆς γοῦν ἕνεκα κολάζει. ταύτην οὖν τὴν δόξαν πάντες ἔχουσιν, ὅσοι περ τιμωροῦνται καὶ ἰδίᾳ καὶ δημοσίᾳ. τιμωροῦνται δὲ καὶ κολάζονται οἳ τε ἄλλοι ἄνθρωποι οὕς ἂν οἴωνται ἀδικεῖν, καὶ οὐχ ἥκιστα Ἀθηναῖοι, οἳ σοὶ πολῖται· ὥστε κατὰ τοῦτον τὸν λόγον καὶ Ἀθηναῖοί εἰσι τῶν ἡγουμένων παρασκευαστὸν εἶναι καὶ διδακτὸν ἀρετὴν. Ὡς μὲν οὖν εἰκότως ἀποδέχονται οἳ σοὶ πολῖται καὶ χαλκῶς καὶ σκυτοτόμου συμβουλευόντος τὰ πολιτικά, καὶ ὅτι διδακτὸν καὶ παρασκευαστὸν ἡγοῦνται ἀρετὴν, ἀποδέδεικται σοι, ὦ Σώκρατες, ἱκανῶς, ὥς γ' ἐμοὶ φαίνεται.

FINAL HONOURS.

Greek.

General Paper.

1. The character and conduct of Pericles. Compare with Cimon.

2. The difficulties between Corinth and Corcyra which led to the Peloponnesian war.

3. Character of Alcibiades. His connection with the mutilation of the Hermæ, and the profanation of the Eleusinian mysteries. Compare with Nicias.

4. The most prominent characteristics of the Odyssey compared with the Iliad. Any circumstances which seem to point to a later date.

5. Homer's treatment of Helen compared with Aeschylus'.

6. Aeschylus' account of the origin of evil compared with Milton's.

7. Illustrate by any striking example the use of Myths by the Greek tragic poets.

8. The central thought of the Antigone.

9. The attitude of Sophocles to the Delphic Oracle (Oedipus Rex).

10. The Clytaemnestra of the Agamemnon, and the Clytaemnestra of the Electra.

11. Pindar's ideal of manly virtue.

12. What different forms of literature are included under the title "Idylls of Theocritus"? What is the meaning of the phrase "Idyls of the King"?

13. The Daphnis legend; its treatment by Theocritus; its place in English poetry.

14. Give the substance of Matthew Arnold's criticism of the 15th Idyll.

French.

I.

(a) Grand tumulte sur le pont. La brume empêche de se voir. Les matelots vont et viennent, effrayés, à tâtons... Plus de gouvernail! La manœuvre est impossible... La *Sémillante*, en dérive, file comme le vent... C'est à ce moment que le douanier la voit passer; il est onze heures et demie. A l'avant de la frégate, on entend comme un coup de canon... Les brisants! les brisants!... C'est fini, il n'y a plus d'espoir, on va droit à la côte... Le capitaine descend dans sa cabine... Au bout d'un moment, il vient reprendre sa place sur la dunette,—en grand costume... Il a voulu se faire beau pour mourir.

(b) C'étaient, du matin au soir, des processions, des pèlerinages, les rues jonchées de fleurs, tapissées de hautes lices, des arrivages de cardinaux par le Rhône, bannières au vent, galères pavoisées, les soldats du Pape qui chantaient du latin sur les places, les crécelles des frères quêteurs; puis, du haut en bas des maisons qui se pressaient en bourdonnant autour du grand palais papal comme des abeilles autour de leur ruche, c'était encore le tic tac des métiers à dentelles, le va-et-vient des navettes tissant l'or des chasubles, les petits marteaux des ciseleurs de burettes, les tables d'harmonie qu'on ajustait chez les luthiers, les cantiques des ourdisseuses; par là-dessus le bruit des cloches, et toujours quelques tambourins qu'on entendait ronfler, là-bas, du côté du pont.

(c) Monsieur, c'est trop d'honneur que vous me voulez faire:
 Mais l'amitié demande un peu plus de mystère;
 Et c'est assurément en profaner le nom
 Que de vouloir le mettre à toute occasion.
 Avec lumière et choix cette union veut naître;
 Avant que nous lier, il faut nous mieux connaître.

(d) Si elle vous nomme audacieux, vous l'appellerez cruelle. Les femmes aiment beaucoup qu'on les appelle cruelles. Au surplus, si son amour est tel que vous le désirez, vous lui direz qui vous êtes; elle ne doutera plus de vos sentiments.

(e) —Pour moi, j'ai prononcé mon arrêt, et j'apprête
 Mon supplice, et je vais moi-même sur ma tête
 Faire choir du tombeau le couvercle pesant.
 J'ai du moins le plaisir de penser qu'à présent
 Personne n'y peut rien.

(f) Il ne l'est point; j'en crois son ingénuité:
 Le mensonge n'a point cette simplicité.
 Tendons à sa jeunesse une main bienfaisante;
 C'est un infortuné que le ciel me présente:
 Il suffit qu'il soit homme, et qu'il soit malheureux.
 Mon fils peut éprouver un sort plus rigoureux.

1. Refer these extracts to their contexts, remark on any syntactical peculiarities, and translate (a) and (b.)

2. Give in French a synopsis of the story from which (b) is taken, and also of *Le Curé de Cucugnan*.

3. Analyse Daudet's style as illustrated in *Lettres de Mon Moulin*, and tell what you know of his method of working.

4. What insight does (c) give us into the character of the speaker? Show if it is sustained throughout.

5. Faisant de cet ouvrage
 Une ample comédie à cent actes divers.

How does the *comédie* of La Fontaine resemble that of Molière? Illustrate from *Le Misanthrope*.

6. (a) La ruse la mieux ourdie
 Peut nuire à son inventeur
 Et souvent la perfidie
 Retourne sur son auteur.

(b) Il faut se contenter de sa condition.

Give in French synopses of the fables which have these morals and criticize the latter.

7. Show by comparing *Méropé* and *Ruy Blas* the difference between classic and romantic tragedy.

8. Comment on the action in *Le Barbier de Séville*.

II.

1. Translate into idiomatic French:—

I hope you will succeed in it.—I wanted to go surety for your respectability.—There are some things that cannot be excused however much one may desire it.—Your conduct might give less

Of a handle to slanderous talk.—All her other actions belie her pretended piety.—That will make amends for everything.—I will go so far as to charge him with it.—Come who will, no one shall enter.

2. Explain the following in French :

Éliante là-bas est à l'entretenir.—Tout cela est franche grimace.—Ah! mon ami, soyez le bien retabli.—Il a cet avantage qu'on y peut entrer de plain-pied, sans examens, ni cautionnement, ni stage.—Tous mes valets sont sur les dents.—Je m'en rapporte à votre confrère.—Charmant temps pour aller en bonne fortune.—Je me soucie bien de l'argent, moi!

III.

1. A brief account of the earliest epic literature of France.

2. What was the effect of the Renaissance on French literature?

3. A sketch of French comedy up to and including Molière.

4. The influence of England on the literature of France during the 18th century.

5. Notes on Racine, Regnard, Perrault, Lesage, Victor Hugo.

HONOURS.

French.

I.

Prose.

I more than once remarked the influence, mingled with sympathy and with fear, which was exercised over his mind by our great revolution of 1789, and by the ideas and social forces which it has called into play. On this subject he shared neither the maxims nor the passions of the Tories of the old school; and in his inmost soul, in spite of all his moral, political, and national reservation, this great English Conservative was himself rather a child than an enemy of that new social order, which continues powerful and fruitful in spite of its faults, its reverses, its miscalculations, and its dark features. But what struck me most of all, in the conversation of Sir Robert Peel, was his constant and earnest solicitude with regard to the condition of the labouring classes in England—a solicitude arising as much from moral as from political considerations, and in which, beneath a cold and somewhat compassed language, might be discerned the emotion of the man, as well as the forethought of the statesman. “There is,” he always said, “too much suffering and too much perplexity amongst the working classes: it is a disgrace, as well as a danger to our civilization; it is absolutely necessary to render the condition of those people who work with their hands less hard and less precarious. We cannot do everything, far from it; but we can do something, and it is our duty to do all that we can.” In the activity of his thought and the leisure of his life, this was evidently with him the dominant idea of the future.

II.

Composition.

“Et c’est n’estimer rien qu’ estimer tout le monde.”
Molière,

or,

De la Protection.

HONOURS.

French.

I.

- (a) Le ciel a résolu votre grandeur suprême;
Et pour preuve, seigneur, je n'en veux que moi-même:
J'ose avec vanité me donner cet éclat.
Puisqu'il change mon cœur qu'il veut changer l'État,
Ma haine va mourir, que j'ai crue immortelle;
Elle est morte, et ce cœur devient sujet fidèle;
Et, prenant désormais cette haine en horreur,
L'ardeur de vous servir succède à sa fureur.
- (b) Madame, j'ai couru par votre ordre au rivage ;
J'ai vu la trahison, j'ai vu toute sa rage;
Du plus grand des mortels j'ai vu trancher le sort:
J'ai vu dans son malheur la gloire de sa mort;
Et puisque vous voulez qu'ici je vous raconte
La gloire d'une mort qui nous couvre de honte,
Écoutez, admirez, et plaignez son trépas.
- (c) J'ai de l'ambition, mais plus noble et plus belle;
Cette grandeur périt, j'en veux une immortelle.
Un bonheur assuré, sans mesure et sans fin,
Au-dessus de l'envie, au-dessus du destin.
Est-ce trop l'acheter que d'une triste vie
Qui tantôt, qui soudain me peut être ravie:
Qui ne me fait jouir que d'un instant qui fuit,
Et ne peut m'assurer de celui qui le suit?
- (d) Oui, lui-même, madame.
D'où peut naître à ce nom le trouble de votre âme?
Contre un si juste choix qui peut vous révolter?
Est-ce quelque mépris qu'on ne puisse dompter?
Je le répète encor: c'est un autre moi-même,
Un fils victorieux, qui me chérit, que j'aime,
L'ennemi des Romains, l'héritier et l'appui
D'un empire et d'un nom qui va renaître en lui;
Et, quoi que votre amour ait osé se promettre,
Ce n'est qu'entre ses mains que je puis vous remettre.
- (e) Il est juste, mon fils, que je vous le déclare.
Il faut que vous soyez instruit, même avant tous,
Des grands desseins de Dieu sur son peuple et sur vous.
Armez-vous d'un courage et d'une foi nouvelle:
Il est temps de montrer cette ardeur et ce zèle
Qu'au fond de votre cœur mes soins ont cultivés,
Et de payer à Dieu ce que vous lui devez.
Sentez-vous cette noble et généreuse envie?

(f) Voilà bien les sentiments d'un petit esprit, de vouloir toujours demeurer dans la bassesse. Ne me répliquez pas davantage: ma fille sera marquise en dépit de tout le monde; et, si vous me mettez en colère, je la ferai duchesse.

(g) "L'aurore, paraissant derrière les montagnes, enflammait l'orient. Tout était d'or ou de rose dans la solitude. L'astre annoncé par tant de splendeur sortit enfin d'un abîme de lumière, et son premier rayon rencontra l'hostie consacrée, que le prêtre en ce moment même élevait dans les airs. O charme de la religion! ô magnificence du culte chrétien! Pour sacrificeur un vieil ermite, pour autel un rocher, pour église le désert, pour assistance d'innocents sauvages! Non, je ne doute point qu'au moment où nous nous prosternâmes le grand mystère ne s'accomplît et que Dieu ne descendît sur la terre, car je le sentis descendre dans mon cœur.

1. State the place these extracts occupy in the works from which they are taken.

2. "Il y a des oeuvres telles que *le Misanthrope*, telles qu'*Athalie*, dont les beautés supérieures, senties par les bons juges, restent un peu froides pour les autres." Explain this statement, referring to the two works mentioned.

3. Give in French an account of the events referred to in (b). What peculiarity of the Classical drama is illustrated in this passage?

4. "L'amour du genre humain et l'horreur du fanatisme, ont conduit ma plume." (Voltaire, *Sur la tragédie de Mahomet*). Criticize with reference to the work in question.

5. How does extract (f) illustrate (1) the style of the author, (2) his general subject matter?

6. Give in French an outline of *Les Martyrs*. What was the object of its composition?

II.

1. Translate into idiomatic French :

She takes after you.—The captain excited a little pity.—She goes out washing by the day.—To kill two birds with one stone.—He will not be long in coming.—He took her unawares.

2. Explain the following in French :

Vous verrez ce qu'il vaut avec son air de n'y pas toucher.—Tirez-lui les vers du nez.—Il lui donne peut-être dans la vue.—Voici justement le reste de notre écu.—On tranche le mot aisément.—Voilà pas le coup de langue.—Je le donne en six coups aux tailleurs les plus éclairés.

III.

1. Compare the tragedy of Corneille and of Racine with especial reference to the works read.

2. An account of the life and works of Pascal.

3. A paper on French comedy after Molière and an estimate of the influence of this writer thereon.

4. Trace the growth of Romanticism in French literature up to its full development, and tell how it is shown in the literature of the present.

6. Notes on Vaugelas, Routrou, Mme. de Maintenon, J. P. Rousseau, George Sand.

HONOURS.

French.

I.

(a) Li emperédre est repaidriez d'Espaigne,
Et vient ad Ais al meillor siét de France,
Montet el palais, est venuz en la sale.
Es li venude Alde, une bèle dame;
Ço dist al rei: "Ou'st Rollanz li chataignes,
Qui me jurat come sa per a prendre?"
Charles en at et dolor et pesance,
Ploret des oelz, turet sa barbe blanche:
"Soer, chiére amie, d'home mort me demandes.
Jo t'en donrai molt esforciet échange,
Ço 'st Lodevis, meillor n'en sai en France:
Il est mes filz et si tendrat mes marches."
Alde respont: "Cist moz mei est estranges.
Ne placet Deu ne ses sainz ne ses angeles
Après Rollant que jo vive remaigne!"
Pert la color, chiét as piez Charlemaigne,
Sempres est morte, Deus ait mercit de l'anme!
Franceis baron en plorent, si la plaignent.

(b) —Huelins frère, dist Auberons li ber,
Quant m'aparlas, tu fesis que senés,
Tu en ouvras con bien endotrinés;
Car par Celui qui en crois fu penés,
Mais tant bons jors ne te fu ajornés.
Tu ne mengas, bien a trois jors passé
Que bien n'eüsses mengié a un disner:
Ore en avras, a molt grande plenté,
De tel viande que vauras demander.

(c) Lors montèrent li baron a cheval et amenèrent le vaslet, a molt grant joie, en la cité a son père; et li Grieu li ovrèrent la porte, et le reçurent a molt grant joie et a molt grant feste. La joie del père et del fil fu molt granz, que il ne s'estoient pieça entreveü, et que de si grant poverté et de si grant essil furent torné a si grant haltesce, par Dieu avant et par les pelerins après. Ensi fu la joie molt granz dedanz Constantinoble, et defors en l'ost des pelerins, de l'honor et de la victoire que Diex lor ot donée.

1. Write the above extracts in modern French.
2. Turn (a) and (b) into Latin.

3. Show the place of each in its narrative.

4. Explain the *principe de la moinda action* and the *principe de la transition* as applied to the development of the French language, and illustrate from the above passages.

5. Mention from the same passages words that are no longer in use, or with altered meaning.

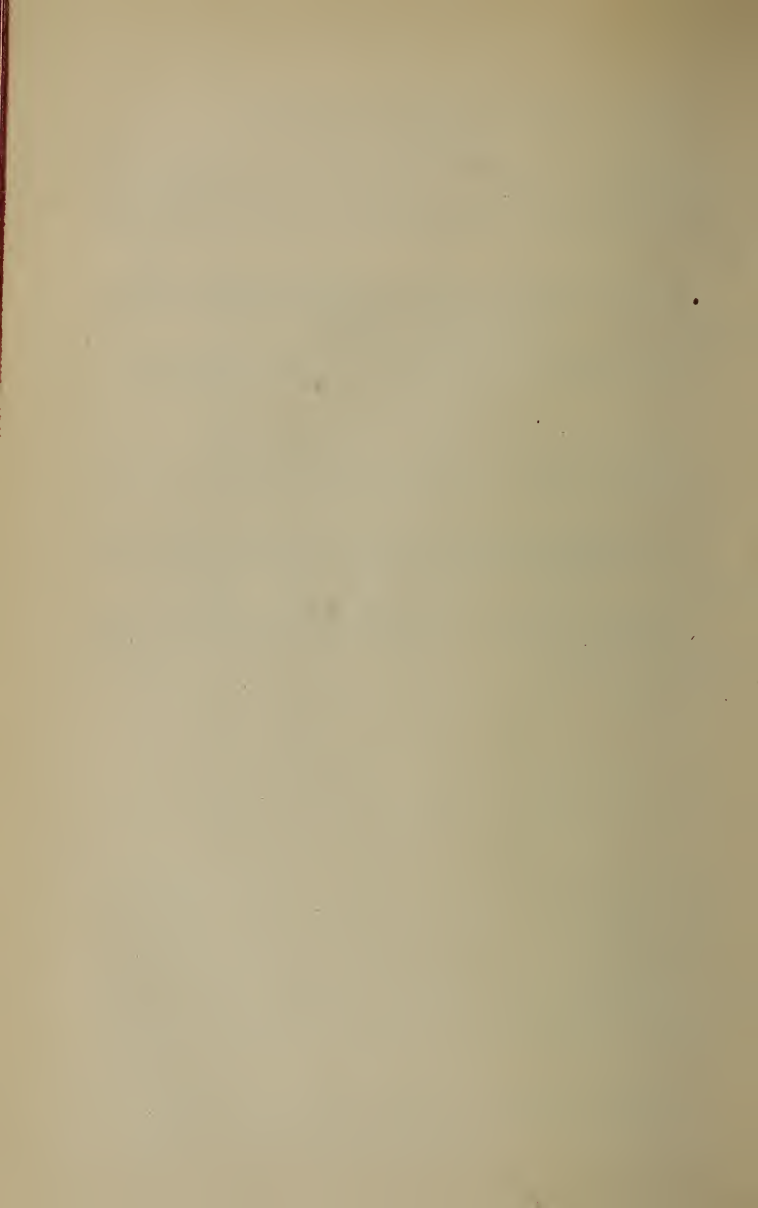
6. Write notes on *mercit*, *baron* (a), *ber*, *vauras* (b).

II.

1. Write a paper on early Provençal literature, noting its influence.

2. What was the state of French prose up to the 13th century as compared with that of poetry. Explain.

3. Notes on *Histoire de Guillaume le Maréchal*, *Roman de la Rose*, *Roman de Renard*, Joinville, Jean Gerson, Christine de Pisan.



HONOURS.

French.

(a) Le rire qu'avait excité la sanglante plaisanterie du vieux ministre durait encore, lorsque la porte du cabinet s'ouvrit, et un page annonça plusieurs courriers qui arrivaient à la fois de divers points; le père Joseph se leva, et, se plaçant debout, le dos appuyé contre le mur, comme une momie égyptienne, ne laissa plus paraître sur son visage qu'une stupide contemplation.

(b) Pierrotte pencha sa grosse tête jusqu'aux lèvres pâles du moribond, et ils restèrent ainsi un long moment à s'entretenir à voix basse. . . Moi, je regardais, immobile au milieu de la chambre.

(c) Pour donner une satisfaction légitime à ce goût de l'*alea*, cet amour de l'éventuel qu'on trouve au fond du cœur de tous les hommes, j'instituai les gratifications d'inventaire. C'était le partage inégal, mais équitable, d'un tantième de mes bénéfices entre mes collaborateurs.

(d) Probe autant qu'une fleur née au fond d'une forêt délicate, elle ne connaissait ni les maximes du monde, nises raisonnements captieux, ni ses sophismes: elle accepta donc l'atroce explication que son père lui donnait à dessein de la faillite, sans lui faire connaître la distinction qui existe entre une faillite involontaire et une faillite calculée.

(e) La nuit était toujours tombée quand elle arrivait au logis; avant d'entrer, il fallait descendre un peu, sur des roches usées, la chaumière se trouvant en contre-bas de ce chemin de Ploubazlanec, dans la partie de terrain qui s'incline vers la grève.

(f)

Tu ne sais pas quel vide

Creuse au fond de nos cœurs l'ambition avide!

Comme elle fait braver douleur, travail, péril,

Tout enfin, pour un but qui semble puéril!

Qu'il est dur de porter sa fortune incomplète!

Puis, je ne sais quel lustre, où le ciel se reflète,

Environne les rois, depuis les temps anciens.

(g) Et puis, à mesure qu'il s'enfonçait dans la rue, culs-de-jatte, aveugles, boiteux, pullulaient autour de lui, et des manchots, et des borgnes, et des lépreux avec leurs plaies, qui sortant des maisons, qui des petites rues adjacentes, qui des soupiraux des caves, hurlant, beuglant, glapissant, tous clopin-clopant, cahin-caha, se ruant vers la lumière, et vautrés dans la fange comme des limaces après la pluie.

1. Refer these extracts to their contexts, and translate (c) and (g.)

2. Sketch in French the character of De Vigny's *Richelieu*, and compare it with the historical character.

3. (a) What is the history of the composition of *Le Petit Chose*?

(b) Point out the realistic and imaginative elements in *Les Vieux*.

4. Describe in French the characteristic features of Breton life as depicted in *Pêcheur d'Islande*.

5. Discuss the realism of *Eugénie Grandet*.

6. Describe in French the social and political conditions in *Notre Dame de Paris*.

7. Sketch briefly in French the following characters: Basset, l'abbé Germane, Quasimodo, Dame Guggligoy.

What was Victor Hugo's object in writing *Cromwell*? Add a critique of the play.

HONOURS.

French.

Sight Translation.

I.

NOTE : 1st year candidates will omit III, which is to be turned into Modern French.

Les baigneurs effarés, les chaises à porteurs se rangent vivement, les filles de service, leurs grandes poches de tablier pleines de monnaie et de tickets de couleur, apparaissent à l'entrée des galeries ; les masseurs, tout nus comme des Bédouins sous leurs couvertures de laine, se montrent à mi-corps sur l'escalier des étuves, les salles d'inhalation soulèvent leurs rideaux bleus, on veut voir passer le ministre et la chanteuse ; mais ils sont déjà loin, lancés à fond de train dans le lacis descendant des petites rues noires d'Arvillard, sur les cailloux pointus, serrés, veinés de soufre et de feu, où la voiture rebondit avec des étincelles, secouant les maisons basses toutes lépreuses, faisant apparaître aux fenêtres garnies d'écriteaux, au seuil des boutiques de bâtons ferrés, de parasols, de passemontagnes, de pierres calcaires, minerais, cristaux et autres attrape-baigneurs, des têtes qui s'inclinent, des fronts qui se découvrent à la vue du ministre. Les gôitreux eux-mêmes le reconnaissent, saluent de leurs rires inconscients et rauques le grand maître de l'Université de France, tandis que ces dames, très fières, se tiennent droites et dignes en face de lui, sentant bien l'honneur qui leur est fait. Elles ne se mettent à l'aise qu'une fois hors du pays sur la belle route de Pontcharra, où les mulets soufflent au bas de la tour du Treuil que Bompard a fixée comme rendez-vous.

A. Daudet.

II.

Tartarin, c'est ici Védrine, le bon, le fier, le génial Védrine. Et c'est maintenant que commencent mes objections, à moi. Védrine ne me plaît pas énormément. C'est lui qui éreinte tout le temps l'Académie et qui tire la morale de l'histoire. J'aimerais que l'éreintement se fit uniquement par le récit et les tableaux, et que le morale s'en dégageât d'elle-même. Le livre y gagnerait, à mon sens ; et les malveillants auraient moins beau jeu à l'accuser de puérilité et d'injustice. Déjà M. Emile Zola, dans *l'Œuvre*, nous avait montré un romancier qui était, à n'en pas douter, M. Zola en personne ; et ce romancier était fort, était généreux, était magnanime : une manière de bon Dieu ! De même

le sculpteur Védrine. Il a tout : du génie, des vertus, une femme qui l'adore, des enfants d'une beauté merveilleuse. Il n'aime pas l'argent. Il transperce les hommes de son regard, il sonde les reins et les cœurs. Il morigène, il fustige, il stigmatise.

J. Lemaître.

III.

Molt sist bien ceste parolle a toz, et molt lor semblat estre foyavle et bone. Mais ou poroit estre atroveiz cil innocenz ? Qui seroit nuls, s'il la mort nen avoit desservit et il per dat ne la devoit, qui de son plaisir volust morir ? Tot lo monde encerchet Veriteiz, et nelui nen atruevet sens tache, nès l'enfant qui nen at mais c'un jor de vie sor terre. Et Misericorde encerchet tot lo ciel, et ens angeles mismes nen atruevet mies teile chariteit. Car uns altres dovoit avoir ceste victore, c'est cil de cui nuls nen averoit plus grant chariteit que ceu qu'il son arme matteroit por ses sergenz non dignes et niant profitavles... Mais qui l'oseroit araisnier de ceste chose ?

Saint Bernard.

German.

I.

- (a) Raset, ihr Winde! Flammt herab, ihr Blitze!
 Ihr Wolken, berstet! Giesst herunter, Ströme
 Des Himmels, und ersäuft das Land! Zerstört
 Im Keim die ungeborenen Geschlechter!
 Ihr wilden Elemente, werdet Herr!
 Ihr Bären, kommt, ihr alten Wölfe wieder
 Der grossen Wüste! Euch gehört das Land.
 Wer wird hier leben wollen ohne Freiheit!
- (b) "Bin kein Spielmann," sprach er, "doch noch
 Wen'ger Einer von der Feder.
 Meinethalben könnten in dem
 Ganzen heil'gen röm'schen Reich die
 Tintenfässer jäh vertrocknen.
 Stehe auch in niemand's Diensten,
 Als mein eigener Herr und Meister
 Reit ich durch die Welt zur Kurzweil
 Und erwart' vorerst, was für ein
 Schicksal mir am Wege blüh'n wird."
- (c) Und also, fuhr der Richter fort, wenn ihr
 Nicht meinen Rath, statt meines Spruches, wollt:
 Geht nur!—Mein Rath ist aber der: ihr nehmt
 Die Sache völlig wie sie liegt. Hat von
 Euch jeder seinen Ring von seinen Vater:
 So glaube jeder sicher seinen Ring
 Den echten.—Möglich, dass der Vater nun
 Die Tyrannei des einen Rings nicht länger
 In seinem Hause dulden wollen!—Und gewiss,
 Dass er euch alle drei geliebt, und gleich
 Geliebt: indem er zwei nicht drücken mögen,
 Um einen zu begünstigen.—Wohlan!
 Es eifre jeder seiner unbestochnen,
 Von Vorurtheilen freien Liebe nach!
 Es strebe von euch jeder um die Wette,
 Die Kraft des Steins in seinem Ring an Tag
 Zu legen! komme dieser Kraft mit Sanftmuth,
 Mit herzlicher Verträglichkeit, mit Wohlthun,
 Mit innigster Ergebenheit in Gott,
 Zu Hülff und wenn sich dann der Steine Kräfte
 Bei euern Kindes-Kindeskindern äussern:
 So lad' ich über tausend tausend Jahre
 Sie wiederum vor diesen Stuhl. Da wird
 Ein weiser Mann auf diesem Stuhle sitzen,
 Als ich; und sprechen. Geht!—So sagte der
 Bescheidne Richter.

- (d) Wenn aus dem schrecklichen Gewühle
Ein süß bekannter Ton mich zog,
Den Rest von kindlichem Gefühle
Mit Anklang froher Zeit betrog:
So fluch' ich Allem, was die Seele
Mit Lock- und Gaukelwerk umspannt
Und sie in diese Trauerhöhle
Mit Blend- und Schmeichelkräften bannt!
Verflucht voraus die hohe Meinung,
Womit der Geist sich selbst umfängt!
Verflucht das Blenden der Erscheinung,
Die sich an unsre Sinne drängt!
Verflucht, was uns in Träumen heuchelt,
Des Ruhms, der Namensdauer Trug!
Verflucht, was als Besitz uns schmeichelt,
Als Weib und Kind, als Knecht und Pflug!
Verflucht sei Mammon, wenn mit Schätzen
Er uns zu kühnen Thaten regt,
Wenn er zu müßigem Ergetzen
Die Polster uns zurechte legt!
Fluch sei dem Balsamsaft der Trauben!
Fluch jener höchsten Liebeshuld!
Fluch sei der Hoffnung! Fluch dem glauben,
Und Fluch vor Allen der Geduld!

1. Refer the first three extracts to their contexts, translate (a), (c) and (d), and note any syntactical peculiarities in them.

2. (a) Discuss the suitability of *Wilhelm Tell* as a subject for dramatic composition. (b) Describe in German the meeting on the *Rütli*.

3. Give in German a synopsis of *Der Trompeter von Säckingen* and criticize the action of the poem.

4. Tell for what theoretical work of Lessing's *Nathan der Weise* serves as an illustration and show how.

5. (a) Explain what is meant by *ein weiserer Mann* and *der Bescheidne Richter*, extract (c). (b) How does Lessing's story of the rings differ from the original?

6. Account for the state of mind of the speaker in extract (d). How far is his imprecation justifiable?

7. Sketch briefly in German the part of *Faust* following extract (d) and explain any symbolism.

8. Quote what you can of the passages beginning—

(a) Ihr Matten, lebt wohl,
Ihr sonniged Weiden!

(b) Werd' ich zum Augenblicke sagen.

(c) Es war ein König in Thule.

II.

Explain in German :

Und Schulden einkassiren, ist gewiss auch kein Geschäft, das merklich fördert, das so von der Hand sich schlagen lässt.—Dass er mit Stumpf und Stiel sie zu vertilgen sich vorgesetzt.—Ihr habt gut reden.—Den Garaus ihm zu machen.—Er sträubt sich gern.—Zwar bin ich seit geraumer Zeit ein wenig übern Fuss mit ihm gespannt.—Wer sich Knall und Fall, ihm selbst zu leben nicht entschliessen kann, der lebet andrer Sklav auf immer.—Auch darauf bin ich eben nicht mit dir gesteuert.—Denn die lässt nichts sich unterschlagen.—Was du ererbt von Deinen Vätern hast, erwirb es, um es zu besitzen.—Sie pfeift auf dem letzten Loch.—Vom Krebskrabs der Imagination hab' ich dich doch auf Zeiten lang' kurirt.—Als mich am guten Tag zu plagen.—Ich weiss mich trefflich mit der Polzei, doch mit dem Blutbann schlecht mich abzufinden.

III.

1. German literature from the close of the Thirty Years War up to Lessing.

2. Lessing's life and works, with particular reference to his reform of the Drama.

3. The Romantic School, its origin and influence.

HONOURS.

German.

I.

Turn into Modern High German :

(a) Hausideduth thatei qithan ist: frijos nehwundjan theinana, jah flais fiand theinana. aththan ik qitha izwis: frijoth fljands izwarans, thiuthjaith thans wrikandans izwis, waila taujaith thaim hatjandam izwis, jah bidjaith bi thans usthriutandans izwis, ei wairthaith sunjus attins izwaris this in himinam unte sunnon seina urranneith ana ubilans jah godans, jah rigneith ana garaihtans jah ana inwindans.....

Ni husdjaith izwis huzda ana airthai, tharei malo jah nidwa frawardeith, jah tharei thiubos ufgraband jah hlifand. ith huzdjaith izwis huzda in himina, tharei nih malo nih nidwa frawardeith, jah tharei thiubos ni ufgraband nih stiland. tharei auk ist huzd izwar, tharuh ist jah hairto izwar. lukarn leikis ist augo: jabai nu augo thein ainfalht ist, allata leik thein liuhadein wairthith; ith jabai augo thein unsel ist, allata leik thein riqizein wairthith.

(b) Nu uuill ih scriban unser heil euangeliono deil
 so uuir nu hiar bigunnun, in frénkisga zungun,
 Thaz sie ni uuesen éino thes selben ádeilo,
 ni man in iro gizungi Kristes lob sungi,
 Ioh er ouh iro uuorto gilóbot uuerde háрто,
 ther sie zímo holeta, zi gilóubon sinen ládota.
 Ist ther in iro lante iz álles uuio nintstánte,
 in ánder gizúngi firnéman iz ni kúnni:
 Hiar hor er ío zi gúate, uuaz gót imo gibíete,
 thaz uuir imo hiar gísúngun in frénkisga zúngun
 Nu fréuuen sih es álle so uuer so uuóla uuolle,
 ioh so uuér si hold in múate Fránkono thíote,
 Thaz uuir Kriste sungun in únsera zungun,
 ioh uuir ouh thaz gilébetun, in frénkisgon nan
 lóbotun.

(c) Ein jæmerlichez scheiden wart do da getan.
 do truoc man si von dannen: sine mohte niht gegan.
 do vant man sinnelose daz herliche wip.
 vor leide möht' ersterben der ir vil wünneclicher lip.

Do man den edelen herren hete nu begraben,
 leit ane maze sah man die alle haben
 die mit im komen waren von Nibelunge lant.
 vil selten vrœlichen man do Sigemunden vant.

Do was der etelicher der drier tage lanc
 vor dem grozem leide niht az noch entranc.
 doch mohten si dem libe so gar geswichen niht:
 si nerten sich nach sorgen, so noch genuogen geschiht.

1. Give the inf., past p., and pres. and imp. ind., in full in G., OHG. and MHG. of *hausideduth*, *ist*, *qitha*, *bidjaith*, *wairthaith*, *ufgraband*, *stiland*.

2. Decline in G. OHG. and MHG. *fian*d, *theinana*, *sunjus*, *himinam*, *sunnon*, *ubilans*, *hairto*, *leik*.

3. Name the words in (a) that have cognate forms in NHG. and in English, and give the Anglo-Saxon forms.

4. Write an etymological and historical note on *sein* in all its forms.

5. State some of the more important etymological changes that first occur in OHG. and give examples.

6. Describe the versification of Otfrid's *Evangelienbuch* and compare it in this respect with the other important poetical monuments of the same period.

7. State the underlying myth, the different sagas, and the historical elements contained in the *Nibelungenlied*.

II.

1. Die deutsche Sprache gewinnt aber nicht nur äusserlich in diesem Zeitraume (mittelhochdeutsche Zeit) an Gebiet. Sie war bis jetzt in ihrem eigenen Hause nicht Alleinherrscherin gewesen.

Explain.

2. To what extent is the literary German at present spoken as compared with the dialects?

3. Account for the existence of synonyms like *Schmutz*—*Dreck*, *Mund*—*Maul*—*Gosche*, *Ross*—*Pferd*—*Gaul*, etc.

4. Remark etymologically on *Schule*, *Kreuz*, *Pein*, *Plage*, *Fischerei*, *vielerlei*.

III.

1. Distinguish between the *Volksepos* and die *Kunstsepos* of the MHD period, and name the principal poems written in each kind, with authors.

2. Notes on Ulrich von Hutten, Hans Sachs; *Fastnachtsspiele*, *Till Eulenspiegel*, *Volksbücher*.

HONOURS.

German.

I.

(a) Oft warf er sich ins kurze schwellende Gras am Abhang und überdachte die letzten Monate; in läuternder Scharfe der Alpenluft prägten sich Gestalten und Ereignisse klar vor seinem Denken, es peinigte ihn das Gefühl, dass er sich zag und scheu und thöricht benommen und nicht einmal die Aufgabe gelöst, eine Geschichte zu erzählen, wie Herr Spazzo und Praxedis.

(b) Drüben am nahen Seeufer hielt ein Trupp Reiter; die Zügel in Arm geschlungen, den Pfeil auf der Bogensehne, waren sie spähend herangesprengt, der hunnischen Heerschaar Vortrab.

(c) Aber den Mann, welcher jetzt im Schloss gebietet, kümmert es wenig, ob eine Dohle schreit, oder die Lerche; und wenn ein Fluch auf seinem Boden liegt, er bläst lachend in die Lust und bläst ihn hinweg. Sein Leben wird ein unaufhörlicher siegreicher Kampf sein gegen die finstern Geister der Landschaft; und aus dem Slavenschloss wird eine Schaar kraftvoller Knaben herauspringen, und ein neues deutsches Geschlecht, dauerhaft an Leib und Seele, wird sich über das Land verbreiten, ein Geschlecht von Colonisten und Eroberern.

(d) Nun, mit offenem Vertrauen und einigen Schmeicheleien werde ich ihn schon gewinnen; dann zur Prinzessin durch seine Hülfe und einen Tractat ausgewirkt, der meinen lieben, frischen Niederländern und ihrer betriebsamen Lebenslust zum Heil gereichen soll. Das ist ein freies, heitres Volk — hier unter den düstern Knebelbärten hab' ich Heimweh!

(e) Auf dem geräumigen Schützenplatze, welcher unweit des weissen Thores zwischen der Rapenburg und der Stadtmauer gelegen war, ging es am Vormittag des folgenden Tages lebendig her, denn hier sollten auf Beschluss des Rathes die Bürger und Einwohner ohne Ausnahme, gleichviel ob arm oder reich, ob von edler oder nicht edler Geburt, einen feierlichen Eid ablegen, dem Prinzen und der guten Sache treu ergeben zu bleiben.

1. Refer these extracts to their contexts, and translate (c).

2. Give in German (1) an outline of what had occurred during *die letzten Monate*, extract (a), (2) a description of the Huns and of the part they play in the work from which extract (b) is taken.

3. "Rasch wandte er (Freitag) sich mit seinem ganzen Denken und Empfinden der neuen Zeitströmung zu, und damit entsprach er auch zugleich dem innersten Wesen seines Talentes, dem die jungdeutsche, nervöse Aufregung durchaus unsympathisch gewesen war."

Explain and illustrate with reference to *Soll und Haben*.

4. "Das Haus von T. D. Schröter hatte einen Tag im Jahre, an dem es sich unabänderlich dem Vergnügen ergab."

Describe in German how the day was spent.

5. In how far is the realistic school the outcome of romanticism? Illustrate your remarks from *Ekkehard* and *Soll und Haben*.

6. "Gottschall steckte sich von allen Mitstrebenden der in Rede stehenden Periode die höchsten Ziele, weil er die Hauptaufgabe der Dichter der Gegenwart, die Ideen der Zeit in poetischen Gebilden zu verkörpern, am klarsten erkannte."

How far does this statement apply to *Katharina Howard* and *Die Diplomaten*?

7. What defects are to be noticed in *Die Frau Bürgermeisterin* from an historical or aesthetic point of view?

II.

1. Write a paper on *Das junge Deutschland*.

3. Write notes on Arndt, Heyse, Freiligrath, Uhland, Heinrich von Kleist.

I.

(a) Die Stände gaben mir ihren Wechsel, und diesen wollte ich, bei Zeichnung des Friedens, unter die zu ratihabierende Schulden eintragen lassen. Der Wechsel ward für gültig erkannt aber mir ward das Eigentum desselben streitig gemacht. Man zog spöttisch das Maul, als ich versicherte, die Valute bar hergegeben zu haben, Man erklärte ihn für eine Bestechung, für das Gratial der Stände, weil ich so bald mit ihnen auf die niedrigste Summe einig geworden war, mit der ich mich nur im äussersten Notfall zu begnügen Vollmacht hatte.

(b) Kein Eisengitter schützt vor ihrer List.
Weiss ich, ob diese Stäbe nicht durchfeilt,
Nicht dieses Zimmers Boden, diese Wände,
Von aussen fest, nicht hohl von innen sind
Und den Verrat einlassen, wenn ich schlafe?
Fluchvolles Amt, das mir geworden ist,
Die unheilbrütend Listige zu hüten.

(c) Wie? noch der Gäste mehr? Gestehn Sie, Freund!
Es brauchte diesen thränenvollen Krieg,
So vieler Helden ruhmgekrönte Häupter
In eines Lagers Umkreis zu versammeln.

(d) Es hat auch Schweiss und Blut genug gekostet,
Bis dass die Krone kam aufs rechte Haupt!
Und unser König, der der wahre ist,
Dem wir die Kron' jetzt geben, soll nicht schlechter
Begleitet sein, als der Pariser ihrer,
Den sie zu Saint Denis gekrönt!

(e) Sein Herz entglüht für eine neue Tugend
Die stolz und sicher und sich selbst genug
Von keinem Glauben betteln will—Das Laster
Erhält der Kirche Millionen. Er
Verachtet es und braucht sie nicht—Er denkt—
Sein Kopf entbrennt von einer seltsamen
Chimäre—er verehrt den Menschen . . . Herzog
Ob er zu unserm König taugt?

(f) Geduld! Geduld! es wird besser werden; denn ich sage dir, Lieber, du hast Recht. Seit ich unter dem Volke alle Tage herumgetrieben werde und sehe, was sie thun, und wie sie's treiben, stehe ich viel besser mit mir selbst. Gewiss, weil wir doch einmal so gemacht sind, dass wir alles mit uns, und uns mit allem vergleichen, so liegt Glück oder Elend in den Gegenständen, womit wir uns zusammenhalten, und da ist nichts gefährlicher als die Einsamkeit.

(g) Leider rechtfertigen deine Worte die Furcht des Volks, die allgemeine Furcht! So hat er denn beschlossen, was kein Fürst beschliessen sollte. Die Kraft seines Volks, ihr Gemüth, den Begriff, den sie von sich selbst haben, will er schwächen, niederdrücken, zerstören, um sie bequem regieren zu können.

1. Tell the connection of these passages in the works from which they are taken, and translate (a), (d) and (e).

2. Who is *Die unheilbrütend Listige*, extract (b)? Compare Schiller's conception of her with that expressed in this passage.

3. Point out any instances of Shakesperian influence in Schiller's dramas.

4. Describe briefly in German the *Helden* referred to in extract (c), and give a fuller analysis of the character of *Octavio*.

5. How may the denouement of the *Jungfrau von Orleans* be said to be symbolic of the historical events?

6. "Schiller war der Dichter der Idee durch die Macht des Willens." Illustrate from his works.

7. Write a paper on the satiric element in *Faust*.

8. Indicate any discrepancies in the first part of *Faust* and account for them.

9. Discuss the realism or idealism of Goethe and Schiller.

10. Show how far Goethe is autobiographical, with special reference to the works in question.

11. Quote, or give in German the substance of, the following ballads, naming the authors:—*Lutzwow's Wilde Jagd*, *Die Wallfahrt Nach Kevlaar*, *Lenore*.

II.

1. Indicate the foreign influences to which the literature of Germany was subjected during the 18th century.

2. An account of the life and work of Goethe between the production of the *Faust Fragment* and the *1er Theil*.

3. Notes on Andreas Gryphius, Christian Weise, Klinger, Jean Paul Richter, Julius Wolff; *Simplicissimus*, *Litteraturbriefe*, *Phantasus*, *Die Ahnen*.

Sight Translation.

NOTE: First year candidates will omit 3 and 4, which are to be done into modern German.

1. Soll die Mythologie mehr sein als Aufzählung der Götter und Helden, mehr als Darstellung ihrer Thaten und Schicksale, soll sich das Bewusstsein des Volks in der vorhistorischen Zeit in ihr spiegeln, so darf sie sich nicht begnügen, die Mythen vorzulegen, sie muss sie auch deuten, den Logos des Mythos erschliessen. Oft freilich dringen wir zum Verständniss eines Mythos nicht vor, weil uns der Sinn noch verschlossen ist: dann gilt es, die Augen erst besser zu schärfen und zu üben; oder weil uns nur unvollständige Kunde von ihm beiwohnt: dann müssen wir uns begnügen, die vorhandenen Nachrichten zusammen zu stellen. So lange man einen Mythos noch nicht vollständig kennen gelernt hat, wagt man zu viel, sich auf seine Deutung einzulassen. 'Ueber halb aufgedeckte Daten philosophische oder astronomische Deutungen zu ergiessen ist eine Verirrung, die dem Studium der nordischen und griechischen und Mythologie Eintrag gethan hat.'

2. Sie haben wesentlichen Antheil an der grossen Arbeit gehabt, durch welche Shakespeare dem deutschen Volke in das Herz geschlossen wurde, in der heiteren Musse eines schön gehaltenen Lebens haben Sie unsere Kenntniss früherer Literaturperioden nach mehr als einer Richtung gefördert, mir selbst ist die Freude geworden, mit Ihnen einzelne Kunstregeln und Hilfsmittel dichterischer Arbeit in guter Stunde durchzusprechen. So lassen Sie sich gefallen, dass Ihr Name als günstige Vorbedeutung diesem Buche vorsteht. Ein Einzelner wünscht Ihnen dadurch öffentlichen Dank für Vieles auszusprechen, womit Sie unserem Volke wohlgethan haben.

3. Tho antuurtanti ther heilant in quad iru: 'giuuelih de dar trinkit fon uuazzare thesemo, thurstit inan abur, de dar trinkit fon thesemo uuazzare thaz ih gibu, ni thurstit zi euuidu, ouh uuazzar, thaz ih imo gibu, ist in imo brunno uuazzares ufspringanti in euuin lib.' Tho quad zi imo thaz uuib: 'herro, gib mir thaz uuzzar, thaz mih ni thurste noh ni queme bera scephen.'

4. Owe wie jæmerliche junge liute tuont!
den vil unriuwecliche ir gemüete stuont,
die kunnen niuwan sorgen: owe wie tuont si so?
swar ich zer werlte kere, da ist nieman fro:
Tanzen unde singen zergat mit sorgen gar.
nie kristenman gesach so jæmerlichiu jar.
nu merket; wie den frouwen ir gebende stat;
die stolzen ritter tragent dörperliche wat.

HONOURS
German.

Translation into German and German Composition.

I.

“Now, before they returned, one of the brethren, searching the cave wherein the holy woman dwelt, found there neither food, furniture, nor other matters; saving one bracelet of gold, of large size and strange workmanship, engraven with foreign characters, which no one could decipher. The which bracelet, being taken home to the Laura of Scetis, and there dedicated in the chapel to the memory of the holy Amma, proved beyond all doubt the sanctity of its former possessor, by the miracles which its virtue worked; the fame whereof spreading abroad throughout the whole Thebaid, drew innumerable crowds of suppliants to that holy relic. But it came to pass, after the Vandalic persecution wherewith Huneric and Genseric the king devastated Africa, and enriched the Catholic Church with innumerable martyrs, that certain wandering barbarians of the Vandalic race, imbued with the Arian pravity, and made insolent with success, boiled over from the parts of Mauritania into the Thebaid region. Who, plundering and burning all monasteries, and insulting the consecrated virgins, at last arrived even at the monastery of Scetis, where they not only, according to their impious custom, defiled the altar, and carried off the sacred vessels, but also bore away that most holy relic, the chief glory of the Laura,—namely, the bracelet of the holy Amma, impiously pretending that it had belonged to a warrior of the tribe, and expounding the writing thereon engraven. Wherein whether they spoke truth or not, yet their sacrilege did not remain unfinished; for, attempting to return homeward toward the sea by way of the Nile, they were set upon, while weighed down with wine and sleep, by the country people, and to a man miserably destroyed. But the pious folk, restoring the holy gold to its pristine sanctuary, were not unrewarded: for since that day it grows glorious with ever-fresh miracles,—as of blind restored to sight, paralytics to strength, demoniacs to sanity,—to the honor of the orthodox Catholic Church, and of its ever blessed saints.”

Charles Kingsley.

II.

Subject for Composition :

Im Jahre 2000

or

Es irrt der Mensch so lang er strebt.

HONOURS.

Italian.

I.

Sight Translation.

“ Italiani, diceva egli, di qualunque paese, di qualunque condizione, di qualunque sesso voi siate, impugnate le armi: esse sono pur quelle dei Scipioni, dei Fabj, dei Camilli; esse son pur quelle degli Sforza, degli Alviani, dei Castrucci; Italiani, impugnate le armi, impugnate le armi, e non le deponete, finchè questi Barbari, di qualunque favella essi siano, non siano cacciati dalle dolci terre italiane. Vedete lo strazio che fanno di voi? Vedete che il danno a lor non basta? vedete che non son contenti, se non aggiungono lo scherno? I rubamenti non saziano questa gente avara; questa gente superba vuole gl' improprij ed il villipendio. Sonvi le querele imputate a delitto; evvi il silenzio imputato a congiura: o che serviate, o che non serviate, vi apprestano gl'insulti, o le mannaje, perchè il servire chiamano viltà, il resistere ribellione. Vi accusano di armi nascoste, vi chiamano gente traditrice, come se non fosse maggior viltà al più forte l'usare i fucili ed i cannoni contro ai deboli, che ai deboli l'usare contro il più forte gli stili e le coltelle! Adunque poichè di stili e di coltelle vi accagionano, e poichè un risguardo di Dio, protettore degli oppressi, e l'insopportabile superbia loro vi hanno ora posto i fucili ed i cannoni in mano, usateli, e pruovate che anche gl' italiani petti sono forti contro i rimbombi e le guerriere tempeste. Credete voi che siano costoro invulnerabili? Credete voi che siano più valorosi di voi? Per Dio, no, non abbiate sì falso pensiero; i valorosi non son perfidi, ed opera di perfidia sono i fatti recenti. Non sotto spezie di amicizia fu invasa Genova, insidiata Gavi, conculcato Livorno? Non sotto spezie di amicizia furono da lor prese le veneziane fortezze? Non da loro si sommovono i popoli contro i governi, non da loro si usano i governi per tiranneggiare i popoli? Ma che parlo? Ricordatevi di Brescia, di Bergamo e di Crema fatte ribelli al loro signore dai tradimenti di costoro.”

Botta.

II.

Prose.

Athens, which at the beginning of the Peloponnesian war had been at the head of a powerful empire, had now, according to all appearance, sunk down to the rank of a second-rate state, but nevertheless, as throughout the war it had been the place in which

the greatest interest was centred, so it remained, even after its great reverses, a state possessing more vitality than any other. Its intellectual vigour and activity were progressing as actively as if the late calamities had passed by without any disastrous effect, and during the period which now followed, Athens was so rich in the productions of art and literature, that in some respects she rose higher even than in earlier and happier times, though it must be owned that fancy and imagination gradually gave way to thought and reflection, and that, accordingly, poetry was supplanted by learning. The loss of the supremacy of Athens and the change in her constitution were only transitory; but the changes which were produced by the war on Sparta were of a more serious character. Sparta had become a maritime power, which was incompatible with the character of its ancient laws and institutions, whose object was to make it a powerful continental state.

HONOURS.

Italian.

I.

Translate :

- (a) Tu se' lo mio maestro e il mio autore:
Tu se' solo colui, da cui io tolsi
Lo bello stile, che m'ha fatto onore.
Vedi la bestia, per cui io mi volsi:
Aiutami da lei, famosa saggio,
Ch' ella mi fa tremar le vene e i polsi.
A te convien tenere altro viaggio,
Rispose, poi che lacrimar mi vide,
Se vuoi campar d'esto loco selvaggio:
Chè questa bestia, per la qual tu gride,
Non lascia altrui passar per la sua via,
Ma tanto lo impedisce, che l'uccide:
Ed ha natura sì malvagia e ria,
Che mai non empie la bramosa voglia,
E dopo il pasto ha più fame che pria.
Molti son gli animali, a cui s'ammoglia,
E più saranno ancora, infin che il Veltro
Verrà che la farà morir di doglia.
Questi non ciberà terra nè peltro,
Ma sapienza e amore e virtute,
E sua nazione sarà tra Feltro e Feltro.
- (b) Divulgossi il gran caso: e quivi tratto
Già 'l popol s' era: Olindo anco v' accorse;
Chè, dubbia la persona, e certo il fatto,
Venìa che fosse la sua donna in forse.
Come la bella prigioniera in atto
Non pur di rea, ma di dannata ei scorse;
Come i ministri al duro ufficio intenti
Vide, precipitoso urtò le genti.
Al re gridò: Non è, non è già rea
Costei del furto, e per follia sen vanta.
Non pensò, non ardì, nè far potea
Donna sola e inesperta opra cotanta.
Come igannò i custodi, e della Dea
Con qual arti involò l'immagin santa?
Se 'l fece, il narri. Io l' ho, signor, furata.
(Ahi tanto amò la non amante amata!)

1. Note and explain archaic or poetic forms in both passages.

2. Explain *bestia*, *animali*, *Veltro*, *Feltro* e *Feltro* (a).

3. Give the scheme of the *Divina Commedia* with interpretation.

4. Refer to any imitations of Virgil in Canto II of the *Gerusalemme Liberata*.

5. Comment on the episode from which (b) is taken.

II.

Translate, referring to context and mentioning work :

(a) Pare che sia vero, quanto mi deceva ieri Bobi, il pizzicagnolo, che tutti devono tornare al loro posto! Un paolo per firma! per pigliare il paolo, son capaci di firmarsi tutti, ma se dopo essersi firmati, saltasse il grillo a qualche birbante di farmi la spia? quelli son lontani, e questi altri sono vicini...e poi mi pare che anche li stessi mercatini siano diventati liberali accaniti. Se bussassi una bastonatura!...Giorgio da' da bere al cervello... (*pensa*) Oh la bella idea! Se firmassi io per cento persone! la padrona non può mica andare a riscontrare il carattere!...e poi anche mia molie, alla peggio, scrive, il mio ragazzo maggiore scrive come un maestro...I dieci francesconi me li becco io. Gli riempio una nota il giorno se vogliono. Vado a socchiudere la porticella, e poi mi metto nel mio casotto a lavorar di firme. Grand' uomo politico che sarei stato io!

(b) Mio Dio! Qualche cosa di brutto sta per accadere. Che significa questo andare e venire della cameriera, e quel rumore, come dell'aprirsi e del chiudersi di cassettoni, di valigie, nella stanza di mia cognata ad ora così tarda? Sulle prime immaginavo che la collera, non ancora sbollita dell'ultimo alterco, si andasse sfogando sui poveri arredi, che le capitassero sotto mano: ma adesso i rumori hanno preso una certa uniformità, che mi fa sospettare una decisione assai più grave. Ecco la cameriera. Da lei saprò qualche cosa.

(c) Quel giorno il padre e la madre della sposa dovettero andare a un paesello vicino, ov' era la parrocchia di Antoliva e degli sparsi suoi casolari, per presentare i due promessi al signor curato, e per raccomandarsi a lui, affinché, ottenuta la dispensa canonica per la stretta loro parentela, si facessero le nozze.

Il vecchio Giovannandrea, fino allora così aspro e quasi crudele colla figliuola, aveva fatto un gran mutamento; fosse un po' di compassione, fosse l'idea di esser riuscito ad accasar la figliuola proprio in quel punto che credeva di trovarsi addosso un'altra volta quel carico disutile, si mostrava non discontento di queste nozze improvvisate; e, senza farsi pregare, aveva dato parola a Vito, che secondo il costume, per il letto della sposa ci avrebbe pensato lui.

1. Write pres. indic. and perf. in full, 1st pers. sing. fut. and past p. of all verbs in (c.)

(d) Write in Italian a synopsis of “Il più bel Giorno della Vita.”

III.

1. Dante is called the true founder of Italian literature. Explain.

2. Give an account of the life of Dante, and show how much of it is incorporated in the *Divina Commedia*.

3. Give an account of Boccaccio and his work.

4. Remarks on Lorenzo de' Medici, Machiavelli, Goldoni, Manzoni.

HONOURS.
English.

FIRST PAPER.

1. (a) French society has, in my opinion, whatever Prince Bismarck may say, sources of great danger as well as of great strength. English society has its sources of great strength as well as its sources of danger. But I am calling attention now to one single point in the social condition of the two nations,—to the demand which the middle class, in each of them, makes upon life, and to the results which flow from it. It is surely impossible to deny that the whole middle class in France makes upon life the demands which are elsewhere those of a limited upper class only, and that French civilisation gains enormously in both volume and quality by this being so. It is not difficult, of course, in England, for one of the aristocratic class, or for one of the class of gentlemen, to see that our middle class rests satisfied with a defective type of religion, a narrow range of intellect and knowledge, a stunted sense of beauty, a low standard of manners. But an ordinary Frenchman of the middle class sees it just as clearly as any great lord or refined gentleman with us, because his standard of civilisation is comparatively high. It is not the French aristocracy and professions, it is the whole French middle class, which is astonished at the pleasures of the gay and pleasure-seeking portion of our middle class. It is not the French aristocracy and professions, it is the whole French middle class, which is astonished at the hideousness and immense ennui of the life of the graver portion.

—Matthew Arnold.

(b) I promised some note of Sandro's Fortitude, before whom I asked you to sit and read the end of my last letter; and I've lost my own notes about her, and forget, now, whether she has a sword, or a mace;—it does not matter. What is chiefly notable in her is—that you would not, if you had to guess who she was, take her for Fortitude at all. Everybody else's Fortitudes announce themselves clearly and proudly. They have tower-like shields, and lion-like helmets—and stand firm astride on their legs,—and are confidently ready for all comers.

Yes;—that is your common Fortitude. Very grand, though common. But not the highest, by any means.

Ready for all comers, and a match for them,—thinks the universal Fortitude;—no thanks to her for standing so steady, then!

But Botticelli's Fortitude is no match, it may be, for any that are coming. Worn, somewhat; and not a little weary, instead of standing ready for all comers, she is sitting,—apparently in reverie, her fingers playing restlessly and idly—nay, I think—even nervously, about the hilt of her sword.

For her battle is not to begin to-day; nor did it begin yesterday. Many a morn and eve have passed since it began—and now—is this to be the ending day of it? And if this—by what manner of end?

That is what Sandro's Fortitude is thinking. And the playing fingers about the sword-hilt would fain let it fall, if it might be: and yet, how swiftly and gladly will they close on it, when the far off trumpet blows, which she will hear through all her reverie!

—Ruskin.

Give a full criticism of the style in either of these extracts, characterising particularly sentence-structure, vocabulary, diction, tone of thought, etc. In either case show how the passage represents the character and characteristic point of view of the writer.

2. (a) Clearly the rest I behold of the dark eyed sons of Achaia,
Known to me well are the faces of all; their names I remember;
Two, two only remain, whom I see not among the commanders,
Castor fleet in the car,—Polydeukes brave with the cestus—
Own dear brethren of mine,—one parent loved us as infants.
Are they not here in the host, from the shores of loved Lacedæmon,

Or though they came with the rest in ships that bound through
the waters,

Dare they not enter the fight or stand in the council of Heroes,
All for fear of the shame and the taunts my crime has awakened?
So said she;—they long since in earth's soft arms were reposing
There, in their own dear land, their Fatherland, Lacedæmon.

(b) No, the Christian faith, as at any rate I understood it,
With its humiliations and exaltations combining,
Exaltations sublime, and yet diviner abasements,
Aspirations from something most shameful here upon earth and
In our poor selves to something most perfect above in the
heavens,—

No, the Christian faith, as I, at least, understood it,
Is not here, O Rome, in any of these thy churches;
Is not here, but in Freiburg, or Rheims, or Westminster Abbey.
What in thy Dome I find, in all thy recenter efforts,
Is a something, I think, more *rational* far, more earthly.
Actual, less ideal, devout not in scorn and refusal,
But in a positive, calm Stoic-Epicurean acceptance.
This I begin to detect in St. Peter's and some of the churches.
Mostly in all that I see of the sixteenth-century masters;
Overlaid of course with infinite gauds and gewgaws,

Innocent, playful follies, the toys and trinkets of childhood,
Forced on maturer years, as the serious one thing needful,
By the barbarian will of the rigid and ignorant Spaniard.

Scan these different types of hexameter and compare them. Compare Longfellow and Clough in their management of hexameter verse.

3. (a) Tis safer for me, if the award be strict,
That I am something underrated here,
Poor this long while, despised, to speak the truth.
I dared not, do you know, leave home all day,
For fear of chancing on the Paris lords.
The best is when they pass and look aside;
But they speak sometimes; I must bear it all.
Well may they speak! That Francis, that first time,
And that long festal year at Fontainebleau!
I surely then could sometimes leave the ground,
Put on the glory, Rafael's daily wear,
In that humane great monarch's golden look.
- (b) Never since our bad earth became one sea,
Which rolling o'er the palaces of the proud,
And all but those who knew the living God—
Eight that were left to make a purer world—
When since the flood, fire, earthquake, thunder, wrought
Such waste and havoc as the idolatries,
Which from the low light of mortality
Shot up their shadows to the Heaven of Heavens,
And worshipt their own darkness in the Highest?

From what poems are these extracts taken? Explain the passages in connection with the context. Compare them as types of blank verse.

HONOURS.

English.

SECOND PAPER.

1. (a) Yes, you like a ghostly cricket, creaking where a house was burned:
"Dust and ashes, dead and done with, Venice spent what Venice earned.
The soul, doubtless, is immortal—where a soul can be discerned."
- (b) —Aha, ELUCESCEBAT, quoth our friend ?
No Tully, said I, Ulpian at the best!
Evil and brief hath been my pilgrimage.
All *lapis*, all, sons! Else I give the Pope
My villas!
- (c) I love to think
The leaving us was just a feint;
Back here to London did he slink,
And now works on without a wink
Of sleep, and we are on the brink
Of something great in fresco-paint:

Or music means this land of ours
Some favour yet, to pity won
By Purcell from his Rosy Bowers,—
"Give me my so-long promised son,
Let Waring end what I begun!"

In each of the above extracts explain (1) the meaning of the extract given with the allusions it contains, (2) the general conception and dramatic form of the poem from which it is taken.

2. (a) Name what in your opinion are the best lyrics of Browning and give an estimate of him as a writer of lyrical verse.

(b) Compare the character of the dramatic art in Shakespeare and Browning.

3. And still she slept an azure-lidded sleep,
In blanched linen, smooth and lavender'd,
While he from forth the closet brought a heap
Of candied apple, quince, and plum, and gourd;
With jellies soother than the creamy curd,

And lucent syrups, tinct with cinnamon;
Manna and dates, in argosy transferr'd
From Fez; and spiced dainties, every one,
From silken Samarcand to cedar'd Lebanon.

(a) Point out the characteristic qualities of Keat's diction as exhibited in this passage.

(b) Write an account of the origin and comment on the metrical qualities of the Spenserian stanza.

4. 'Nevertheless,' cries Teufelsdröckh, 'who can hinder it; who is there that can clutch into the wheelspokes of Destiny, and say to the *Spirit of the Time* : Turn back, I command thee?—Wiser were it that we yielded to the Inevitable and Inexorable, and accounted even this the best.'

Nay, might not an attentive Editor, drawing his own inferences from what stands written, conjecture that Teufelsdröckh individually had yielded to this same 'Inevitable and Inexorable' heartily enough; and sat waiting the issue, with his natural *diabolico-angelical Indifference*, if not even Placidity? Did we not hear him complain that the World was a 'huge Ragfair,' and the 'rags and tatters of old Symbols' were raining-down everywhere, like to drift him in, and suffocate him? What with those '*unhunted Helots*' of his; and the uneven *sic vos non vobis* pressure and hard-crashing collision he is pleased to discern in existing things; what with the so hateful 'empty Masks,' full of beetles and spiders, yet glaring out on him, from their glass eyes, 'with a ghastly affectation of life,'—we feel entitled to conclude him even willing that much should be thrown to the Devil, so it were but done gently! Safe himself in that '*Pinnacle of Weissnicht-wo*,' he would consent, with a tragic solemnity, that the monster *Utilitaria*, held back, indeed, and moderated by nose-rings, halters, foot-shackles, and every conceivable modification of rope, should go forth to do her work;—to tread down old ruinous Palaces and Temples with her broad hoof, till the whole were trodden down, that new and better might be built!

(a) Explain Carlyle's attitude towards the social and political organism of his time, as expressed in this passage.

(b) Illustrate from the passage some of the characteristics of his style. Explain the phrases italicised.

(c) Explain the spiritual struggle recorded in the chapters on 'The Everlasting No' and 'The Everlasting Yes'; or alternatively, give and discuss Carlyle's views on 'the significance of miracles.'

HONOURS.

English.

THIRD PAPER.

I.

1. How does Arnold define criticism and what kind of action does he prescribe for it? Explain his use of the following phrases :—"An epoch of concentration"; Protestantism carried forward the Renaissance"; a colossal machine for the manufacture of Philistines".

2. Give an account of Clough's poetic production, with a critical estimate of *The Bothie of Tober-na-Vuolich* or alternatively of *Amours de Voyage*.

II.

3. Compare Scott and Thackeray's treatment of the heroic or ideal as illustrated in any of the following characters :—Claverhouse, Burley, Redgauntlet, J. J. Ridley, Col. Newcome, Dobbin.

4. Write notes on each of the following characters and show how well chosen they are to exhibit the special powers of the author :—*Charles Honeyman*, *Clifford Pyncheon*.

III.

5. What is the significance of Transcendentalism as found in the writings of Emerson? What are its fundamental doctrines? Criticize them.

6. Compare the *Prelude* and *Sartor Resartus* as autobiographies.

IV.

7. When was the sonnet introduced into English poetry? What other Italian measures were introduced at the same time? What is the Shakespearean type of sonnet? Compare it as an artistic vehicle with the Petrarchan form. What is the peculiar character of the Miltonic sonnet? Give and discuss Dr. Johnson's criticism of Milton's sonnets.

8. When did the rhymed couplet first appear in English poetry? Give a sketch of its historical development as indicated by the following names :—Chaucer, Dryden, Addison, Byron, Keats.

HONOURS.

English.

FOURTH PAPER.

1. Translate :

Nu *cwæth* se halga Beda, *the thas* boc gedihte, *thæt* hit nan wundor nys *thæt* se halga cynincg untrumnyse gehæle, nu he on heofonum leofath, for *than the* he wolde gehelpan, *tha tha* he her on life wæs, *thearfum* and wannhalum, and him bigwiste syllan. Nu hæfth he *thone* wurthmynt on *thære* ecan worulde mid *than* ælmihtigan Gode for his godnyse. Eft se halga Cuthberht, *tha tha* he git cnapa wæs, geseah hu Godes ænglas feredon Aidanes sawle *thæs* halgan bisceopes blithe to heofonum to *tham* ecan wuldre *the* he on worulde geearnode. *Thæs* halgan Oswoldes ban wurdon eft gebroht æfter manegum gearum to Myrcena-lande into Gleawceastre; and God *thær* geswutelode oft feala wundra *thurh thone* halgan wer. Sy *thæs* wuldor *tham* ælmihtigan Gode *the* on ecnyse rixath a to worulde. Amen.

2. Parse the following words, giving the principal parts of the verbs and declining the nouns in full :—*cwæth*, l. 1 ; *boc*, l. 1 ; *leofath*, l. 3 ; *gehelpan*, l. 3 ; *syllan*, l. 4 ; *hæfth*, l. 5 ; *geseah*, l. 7 ; *sawle*, l. 8 ; *gearum*, l. 10.

3. (a) Decline in full *seo halige burg*. (b) Conjugate *macian*.

4. 'Gemunath thara mæla, *the* we oft æt meodo spræcon, thonne we on bence beot ahofon, hæleth on healle, ymbe heard gewinn : nu mæg cunnian hwa cene sy. Ic wylle mine æthelo eallum gecythan, thæt ic wæs on Myrcen miccles cynnes, wæs min ealda fæder Ealhelm haten, wis ealdormann, woruldgesælig. Ne sceolon me on thære theode thegenas ætwitan, thæt ic of thisse fyrde feran wille, eard gesecan, nu min ealdor ligeth forheawen æt hilde; me in thæt hearma mæst : he wæs ægther min mæg and min blaford.

*Tha he forth eode, fæhthe gemunde,
thæt he mid orde anne geræhte
fлотan on tham folce, thæt se on foldan læg
forwegen mid his wæpne.*

Translate

5. Explain the origin and philological history of the following words :—*own, a-hunting fee, length, knit, matter.*

6. Give an account, with examples, of the changes which the Anglo-Saxon *long* vowels *a, e, u* have undergone in middle and modern English.

HONOURS.

History.

FIRST PAPER.

Answers to only seven of the following questions required.

1. Britain was settled by the Jutes, Saxons, and Angles. State the locations of these several settlements. How did these settlements affect the kingdoms of the Octarchy?

2. Distinguish between a township and a burh. What was the form of the jurisdiction of the burh?

3. Who constituted the hundred court? What was the nature and extent of its jurisdiction? Were there any subdivisions between the hundred and the shire? If so, name them.

4. In what respect was the shire-moot a folk-moot? State its powers.

5. Explain the progress from the personal to the territorial system. What changes did it effect?

6. What circumstances tended to increase the dignity of the king, and what was the extent of his prerogative in the later Anglo-Saxon period?

7. What was the position of the Anglo-Saxon Church? Distinguish it on the one hand from the old British Church, and on the other from the Gallican Church. Account for the prevalence of Monasticism in the Anglo-Saxon Church. What advantages did it present?

8. At the close of the Anglo-Saxon period Aldhelm gives a list of thirty-two counties, and adds: "Sunt hæ triginta duo Sciræ divisæ per tres leges; West Sexenlaga

Denelaga Marchenlaga.” Explain the term “leges” in this connection, and the three groups.

9. “The effect of the Norman conquest on the character and constitution of the English was threefold.” Explain this.

10. What is meant by distraint of knighthood? When did it fall into disuse? Mention a late instance of its exaction. When was it finally proscribed?

HONOURS.

History.

SECOND PAPER.

Answers to only seven of the following questions required.

1. What effect had the Norman conquest on the County Court government, as also on the several subdivisions ?

2. In what form was the inquest of the Domesday survey made ? What was its purpose ? What is its value ?

3. State the circumstances which brought about the separation between England and Scotland in 1018. What had been the previous position of the two countries ? What were the terms of the cession of Deira (Lothian) to Scotland ?

4. Explain the following : "The thirteenth century had the spirit without the letter of the constitutional programme, the fourteenth had the letter with little of the spirit."

5. The Charter and its several confirmations limited the royal power of taxation. How did the crown evade these limitations ?

6. What was the purpose of the appointment of ordainers in the reign of Edward II ? State the character and the terms of the ordinances which were issued.

7. Give a short historical sketch of the modes of election to bishoprics in England down to the reign of Edward III.

8. State the judicial power of the Church, and give the terms of the Statutes of Provisors and of Præmunire. What cases were not covered by the Statute of Præmunire ?

9. What were the grounds on which the Popes based their right to interfere in the government of England ?

10. "The parliamentary constitution of England comprises not only a concentration of local machinery, but an assembly of estates." Explain this. What are the distinguishing features of each estate in England ?

11. Explain Court Leet, Court Baron, and Court Customary. State the jurisdiction of each.

1. The first part of the paper is devoted to a general discussion of the problem of the existence of solutions of the system of equations

which are satisfied by the functions $u_i(x, y, z)$ and $v_i(x, y, z)$ in the domain D of the space E_3 .

2. In the second part of the paper the author considers the problem of the existence of solutions of the system of equations

which are satisfied by the functions $u_i(x, y, z)$ and $v_i(x, y, z)$ in the domain D of the space E_3 .

HONOURS.

History.

THIRD PAPER.

Answers to only seven of the following questions required, but candidates for L.L.B. must answer questions 5, 8, 10, 11.

1. What was the state of Ireland during the fifteenth century? With which party, Lancastrian or Yorkist, did the Irish identify themselves? What is meant by the Pale?

2. What were the terms of Poyning's Law?

3. What were the grounds of the impeachment of the Earl of Strafford? Criticise his attainder.

4. "The ecclesiastical policy of James I, the outcome of Elizabeth's, gave a political standing ground to Puritanism." Explain this.

5. What were the circumstances of the impeachment of Sacheverell? Hallam says, "It was of high importance in a constitutional light." Explain this.

6. On what grounds did the Long Parliament continue its existence, passing over the period of the Commonwealth to reassemble at the Restoration?

7. What was the purpose of the Savoy Conference, and what were its results? What was Bishop Usher's scheme?

8. What circumstances brought about Fox's Libel Bill of 1791? State the terms of the Bill, and the nature of the opposition offered to it.

9. State the power of the House of Lords in regard to a money bill.

10. Point out the distinction between Parliament and non-sovereign law-making bodies.

11. "The National Assembly of the existing French Republic exerts more direct authority than the English Parliament, and yet it is not a sovereign body." Explain the two points here stated.

HONOURS.

History.

FOURTH PAPER.

Answers to only eight of the following questions required, but candidates for LL.B. must answer questions 5, 6, 7, 8.

1. State the arguments for and against life peerages, illustrating by the case of Lord Wensleydale.

2. What are the principles involved in the responsibility of ministers, and what are their relations to Parliament, and also to the Crown.

3. Compare cabinet government in the United States with cabinet government in England. What influences governed the framers of the constitution of the United States in the formation of the cabinet ?

5. How does the House of Representatives work ? Compare it in this respect with the system of the British House of Commons.

5. Dicey says : "Two features have at all times since the Norman conquest characterized the political institutions of England." What are these features ? Compare England in this respect with any of the nations of Europe.

6. "The name of the United States serves well to remind us of the true relations between constitutional historians and legal constitutionalists." What is meant by this ?

7. What is meant by the connection between the law of the constitution and the convention of the constitution ? Illustrate by any example.

8. Explain a writ of certiorari, also a writ of mandamus. Who has the power of issuing either of these writs? What is their force?

9. Criticise the Quebec Act of 1763, having regard to the results.

10. Refute Rousseau's error that liberty means the right to be governed by one's own individual will.

11. How does Mill answer the question, "Ought pledges to be required from members of Parliament? What were Burke's views in regard to it?"

HONOURS.

Philosophy.

FIRST PAPER.

1. Discuss the ethical and religious thought of Aeschylus, and give its relation to the theory of Heraclitus.

2. Trace the development of Euripides' interpretation of the relation of the gods to man. What connection has the thought of Euripides with the Sophists and Socrates?

3. "To the Platonist ideas are matters of *θεωρία*, of immediate intuition." (Pater). Consider the view of Plato's forms implied in this quotation.

4. "Subjective freedom, which had already appeared in the thought of Socrates, and was ultimately to effect the ruin of Greece, is a principle partly neglected by Plato and partly violated." (Hegel). Examine this judgment, giving the relation of Plato's thought to (a) actual Greek life, and (b) Socrates.

5. "Aristotle preferred the good private and particular to the good communicative." (Bacon). Discuss this account of Aristotle's view of happiness.

6. How far are the principles of subjectivity and objectivity satisfactory in explaining the development of philosophy? Draw your illustrations from Greek thought.

7. "Besides the historic estimate of the conditions, antecedent and contemporary, there is always also the comparatively inexplicable force of a personality." (Pater). Estimate the value of this method of interpretation.

HONOURS.

Philosophy.

SECOND PAPER.

1. "Error proceeds from the will." Examine this doctrine of Descartes.

2. Criticise the Cartesian criterion of truth.

3. Compare the views of Descartes, Spinoza and Leibnitz in regard to Substance, and estimate their value.

4. State and criticise Spinoza's doctrine of "infinite modes."

5. "*Voluntas et intellectus unum et idem sunt.*" Explain and examine.

6. "*Unaquaeque res, quantum in se est, in suo esse perseverare conatur.*" How does Spinoza apply this principle in explanation of morality? Criticise his doctrine.

7. "*Quatenus mens ex rationis dictamine res concipit, aequè afficitur, sive idea sit rei futurae vel praeteritae, sive praesentis.*" Explain and examine.

HONOURS.
Philosophy.

THIRD PAPER.

1. How does Kant distinguish between Dogmatism, Scepticism and Criticism? Discuss the general nature of philosophical criticism.

2. "Space and time are *a priori* perceptions." How does Kant seek to prove this proposition? Is there any change in his point of view when he passes from the *Aesthetic* to the *Analytic*?

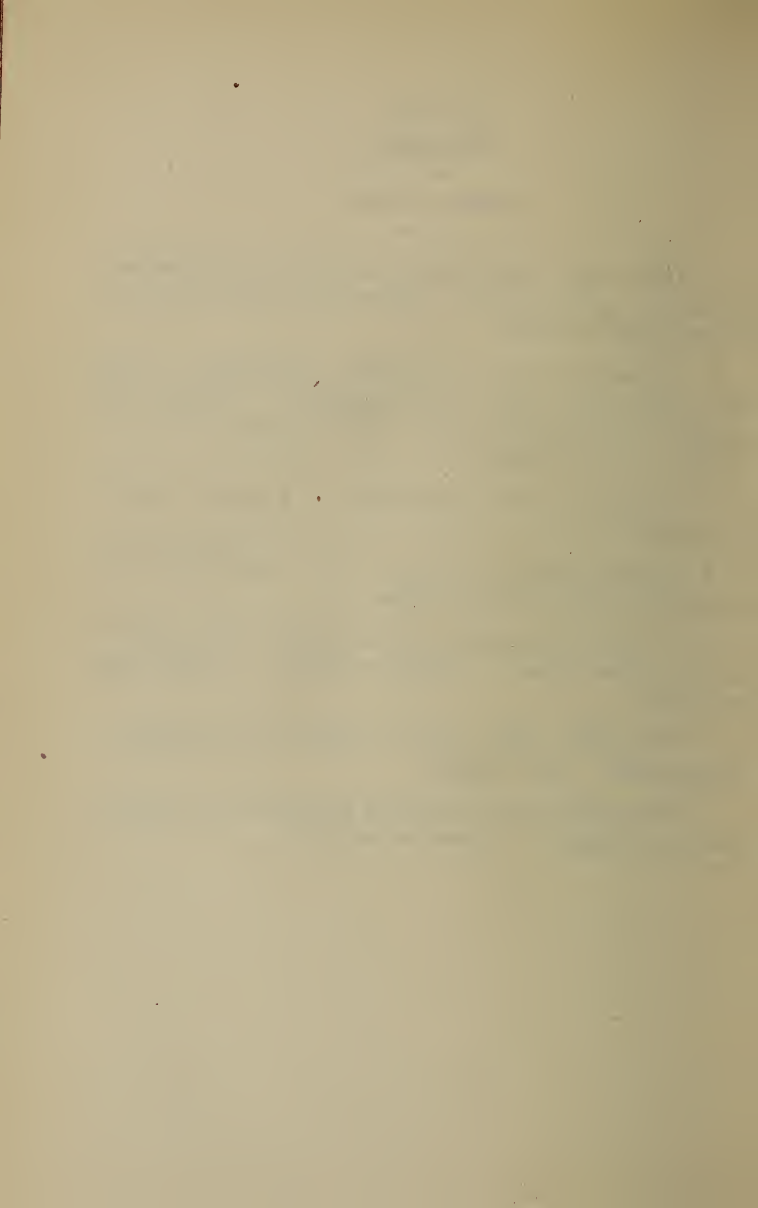
3. Examine into the possibility of a purely analytic judgment.

4. Explain Kant's doctrine of the schematism of the categories, and estimate its value.

5. "In all phenomena the real which is the object of sensation has intensive quality or degree." Explain and examine.

6. How does Kant seek to prove the Analogies of Experience? Add remarks.

7. How does Kant distinguish between the "possible" and the "actual"? Examine his view.



HONOURS.

Philosophy.

FOURTH PAPER.

1. State and criticise Kant's solution of the Third Antinomy.
2. Estimate the value of Kant's criticism of the Ontological argument.
3. Examine the Kantian distinction of the particular desires from the rational will.
4. State and criticise Kant's moral argument for the existence of God.
5. What is the relation of the Critique of Judgment to the other Critiques?
6. How does Kant distinguish between the Beautiful and the Sublime? Examine his view.
7. Examine Kant's doctrine that design is merely a *heuristic* principle.

HONOURS.

Philosophy.

FIFTH PAPER.

1. What is Hegel's conception of 'person'?
2. Give Hegel's criticism of Beccaria's theory of punishment. State your own view.
3. 'Judge an act by the consequences.' 'An act is independent of consequences.' What is Hegel's treatment of these views?
4. Sketch the transition made by Hegel from the 'civic community to the 'state.' Estimate its value.
5. 'The real is the rational.' What form does this principle assume in the *Philosophy of Right*?
6. "The time-difference has no interest whatever for thought." Compare this statement with Hegel's position in the *Philosophy of History*. What is the significance of the problem?

HONOURS.

Philosophy.

SIXTH PAPER.

1. "From soul to mind or spirit is for Hegel the course of psychology." Explain.

2. "The feeling or sentient individual is the simple 'ideality' or subjective side of sensation." Explain this saying of Hegel, and characterise the phases of the feeling soul.

3. "Self-consciousness is the truth of consciousness." In what sense does Hegel here use the term 'truth'? Characterise the three phases of self-consciousness.

4. "Intelligence gives proof of wider choice and ampler authority in the use of intuitions when it treats them as significative rather than as symbolical." Explain. What is the relation of language to thought?

5. Can Psychology be separated from Epistemology?

6. What do you regard as the true relation of Art to Philosophy?

FIRST YEAR HONOURS.

Political Science.

FIRST PAPER.

1. In what respects are literature, science and art, to be treated as economic factors?
2. What are the various functions of Capital?
3. What other elements besides division of labour are essential to the organization of industry on a large scale?
4. To what extent may governments interfere with advantage in the economic distribution of wealth?
5. What advantages does England derive from being the centre of the world's exchanges?
6. What were the objects of the Acadia Company, and what prevented their realization?
7. What was the character of the currency in Canada, and the regulations enforced with regard to it, in the 17th century?

FIRST YEAR HONOURS.

Political Science.

SECOND PAPER.

1. What are the advantages and disadvantages of a code in the legal development of a people?
2. Distinguish the ancient and modern ideas associated with the Law of Nature.
3. What place did the Praetorian Edict occupy in the development of Roman Law?
4. What is meant by the statement that society progresses from status to contract?
5. Describe the system of government in Canada in the latter half of the 17th century.
6. What was the relation of the church to the social and political system of Canada under French rule?

HONOURS.
Political Science.

FIRST PAPER.

a and b are alternative questions.

1. (a) Give Smith's account of the component parts of the price of commodities and compare it with present views.

(b) State and examine Smith's view as to the economic results of the different employments of capital.

2. (a) What does Mill regard as the chief advantages of international trade?

(b) State and examine Mill's views as to the tendency of profits to a minimum.

3. A tax on profits, like a tax on rent, must, at least in its immediate operation, fall wholly on the payer—Mill. Explain and criticise.

4. Who were the first exponents of the System of Natural Liberty, and what were the chief arguments advanced?

5. Consider to what extent efficiency in economic production is dependent upon a people's advance in civilization.

6. What is meant by *marginal* and *total utility*? Can they be measured by economic standards?

7. What are the chief economic arguments in favor of the institution of private property?

HONOURS.

Political Science.

SECOND PAPER.

1. What are the chief objects sought to be attained by the modern trade unions? What economic and social conditions are necessary to their attainment?
2. What difficulties are involved in carrying out legally compulsory arbitration in labour disputes?
3. Estimate Carlyle's criticism of Political Economy.
4. Classify the various departments of public expenditure. What objections are raised to the state undertaking remunerative services?
5. Estimate the validity of the grounds on which public debts are usually justified.
6. What are the various elements in Canadian currency, and how do they satisfy the conditions of safety and efficiency?
7. What are the characteristic features of international exchange between Great Britain and the United States.

HONOURS.

Political Science.

THIRD PAPER.

1. Of the evils which accompanied the rise of the factory system, distinguish those due to economic, from those due to other causes.

2. Trace the development of the English merchant companies from the Elizabethan to the end of the Stuart period.

3. What was the prevailing financial atmosphere in which the Bank of England began its existence?

4. On what economic and political grounds was the colonial expansion of France undertaken, about the middle of the 17th century?

5. Point out the strong and weak elements in the colonial systems of England and France in North America.

6. What were the chief features of local administration in Canada, with reference to police, trade and industry, during the latter half of the 17th century?

7. To what extent may economic crises be due to necessary changes from lower to higher economic conditions?

HONOURS.

Political Science.

FOURTH PAPER.

1. Sketch the relations of the legislative and executive powers in Aristotle's plan of the best constitution.

2. Compare the views of Mill and Bluntschli on the importance of nationality as a basis of representative government.

3. Is it possible to promote the civic education of the citizens by extending the franchise, and at the same time to secure efficient and honest government?

4. There was much more *individualism* and much less *individuality* during the feudal period than at the present time. Explain.

5. Compare Mill and Bluntschli on the rights of women in the state.

6. Distinguish the essential from the non-essential features of sovereignty.

7. Explain fully what is meant by defining society as a moral organism.

HONOURS.

Political Science.

FIFTH PAPER.

1. What place did the Praetorian Edict occupy in the development of Roman Law?

2. What is the character of the earliest Roman criminal law?

3. Jurisprudence is the formal science of positive law. Explain this definition by Holland.

4. What are the distinctive features of administrative law?

5. Give a sketch of the ideas and characters of modern anarchists.

6. Discuss the chief features of what is called state socialism.

7. Men of culture are the true apostles of equality. Explain this statement of Arnold's.

Modern Synthetic Geometry.

1. (a) If L, M, N be concurrent lines, and l, m, n perpendiculars upon them from a given point, then $l \sin (MN) + m \sin (NL) + n \sin (LM) = 0$ where (MN) denotes the angle between L and M .

(b) Employ the preceding to establish the addition theorem for the sine and cosine of the angles φ and θ .

2. If O, O', O'', O''' denote the centres of the incircle and excircles of a triangle, and L be any line whatever, then $s.OL = (s-a)O'L + (s-b)O''L + (s-c)O'''L$, where OL , &c., are perpendiculars and s is the half sum of the sides.

3. (a) Prove the theorem : when three points X, Y, Z are on the three sides of a triangle and collinear, the segments fulfil the relation $BX.CY.AZ = CX.AY.BZ$; and the joins XA, YB, ZC divide the angles so that $\sin BAX . \sin CBY . \sin ACZ = \sin CAX . \sin ABY . \sin BCZ$.

(b) Employ the converse of (a) to prove that the tangents to a circle at the vertices of an inscribed triangle intersect the opposite sides collinearly.

4. Show that the orthocentre of a triangle is its polar centre, and thence show that the square of the radius of its polar circle is $-d^2 \cos A \cos B \cos C$, where d is the diameter of the circumcircle.

5. Any two circles can be inverted into equal circles. Prove this and show how from this a circle might be found to touch three given circles.

6. If two circles touch three circles similarly, the radical axis of the two is an axis of similitude of the three, and the radical centre of the three is a centre of similitude of the two.

7. (a) What is meant by “the anharmonic ratio of a range or a pencil of four, and when does it become harmonic ?

(b) Show that the anharmonic ratio of four points on a circle is the same for every fifth point on the circle.

8. If two circles be inverted the ratio of the square on their common tangent to the rectangle on their diameters is unchanged.

9. (a) A, B, C, D, E, F are six points in order on a circle. Show that the joins AD and CF , BD and CE , BF and AE intersect collinearly.

(b) Show that the line of collinearity of (a) meets the circle in two points, each of which is a common point to two equi-anharmonic ratios.

(c) Apply the results of (b) to find the double points of a given homographic range.

HONOURS.
Trigonometry, I.

1. Given $\tan \theta = \sqrt{\frac{1}{2}}$, to find $\sin \theta$, $\cos \theta$, $\sec \theta$ and $\tan \frac{\theta}{2}$

2. (a) Explain fully what is meant by saying that $\sin \theta$ is a period function ; also explain the statement

$$\sin \frac{\theta}{n} = \sin \frac{2k\pi + \theta}{n} .$$

(b) Write a formula for all angles which have the same cosine as θ .

3. Obtain the general solution of the equation

$$2\sin^2 \theta + \sqrt{3} \cos \theta + 1 = 0.$$

4. Assuming the addition theorem for sine and cosine, express in factor forms

(i) $\sin \varphi + \sin \theta$; (2) $\cos \varphi - \cos \theta$; (iii) $\frac{\sin A + \sin B}{\cos A + \cos B} .$

5. (a) Prove that

$$\frac{\sin a + \sin 3a + \sin 5a + \sin 7a}{\cos a + \cos 3a + \cos 5a + \cos 7a} = \tan 4a.$$

(b) Show that $\sin n\theta = 2\sin(n-1)\theta \cos \theta - \sin(n-2)\theta$.

6. Prove the following relations for any triangle :

(a) $\sin A + \sin B + \sin C = 4 \cos \frac{A}{2} \cos \frac{B}{2} \cos \frac{C}{2} .$

(b) $\tan A + \tan B + \tan C = \tan A . \tan B . \tan C .$

(c) $a \cos \frac{B-C}{2} = (b+c) \sin \frac{A}{2} .$

7. Put $\tan^{-1} \frac{1}{a} + \tan^{-1} \frac{1}{b}$ into a single inverse tan-

gent ; thence separate $\tan^{-1} \frac{1}{3}$ into the sum of two

inverse tangents of the form $\tan^{-1} \frac{1}{p}$, and $\tan^{-1} \frac{1}{q}$.

8. Adapt the following to computation by logarithms :

$$(a) \ a^2 = b^2 + c^2 - 2bc \cos A. \quad (b) \ \cos A = \frac{b^2 + c^2 - a^2}{2bc}$$

9. If a quadrilateral is concyclic its area is
 $\sqrt{\{(s-a)(s-b)(s-c)(s-d)\}}$, where $2s = a + b + c + d$.

10. An observer stands on a bridge and his eye is h feet above the water. The top of a distant tower has an angle of elevation α , and its reflection in the water has an angle of depression β . Show that the total height of the tower above the water level is $h \cdot \frac{\sin(\beta + \alpha)}{\sin(\beta - \alpha)}$; and find the distance of the top of the tower from the observer.

HONOURS.

Trigonometry, II.

(In this paper the operator V is defined by $V\theta \equiv \cos \theta + i \sin \theta$).

1. Express $\cos^6 \theta$ in terms of multiples of θ ; and $\cos 6\theta$ in terms of powers of $\cos \theta$.

2. Show that $V^a b = V^b a = Vab = Va.Vb$.

3. Prove that

$$2 \cos n\theta = \begin{vmatrix} (2\cos\theta)^n & {}^nC_1 & {}^nC_2 & {}^nC_3 \dots \\ (2\cos\theta)^{n-2} & 1 & {}^{n-2}C_1 & {}^{n-2}C_2 \dots \\ (2\cos\theta)^{n-4} & 0 & 1 & {}^{n-4}C_1 \dots \\ (2\cos\theta)^{n-6} & 0 & 0 & 1 \dots \\ \vdots & \vdots & \vdots & \vdots \end{vmatrix}$$

4. Explain geometrically the relation

$$\{r(\cos \theta + i \sin \theta)\}^n = r^n(\cos n\theta + i \sin n\theta).$$

5. Obtain the expansion

$$\tan^{-1} x = \sum_1^{\infty} (-1)^{n-1} \frac{1}{2n-1} x^{2n-1}.$$

6. Explain a method of finding the value of π .

7. Show that

$$a^{\sqrt[4]{1+i}} = a^{\sqrt[4]{2} \cos \frac{\pi}{8}} V(\sqrt[4]{2} \sin \frac{\pi}{8} \cdot \log a).$$

8. Prove that
$$\frac{1}{x^n + 1} = -\frac{1}{n} \sum_{k=0}^{k=n} \frac{V \frac{2k+1}{n} \pi}{x - V \frac{2k+1}{n} \pi}$$

9. Assuming the sum and the product series for $\sin \theta$,

prove, (1) $\frac{\pi}{2} = \frac{2}{1} \cdot \frac{2}{3} \cdot \frac{4}{3} \cdot \frac{4}{5} \cdot \frac{6}{5} \dots$ ad. inf.

$$(2) \quad \frac{\pi}{3} = \frac{6.6}{5.7} \cdot \frac{12.12}{11.13} \cdot \frac{18.18}{17.19} \dots \text{ad. inf.}$$

$$(3) \quad \frac{\pi^2}{8} = \frac{1}{1^2} + \frac{1}{3^2} + \frac{1}{5^2} +$$

10. Expand φ in terms of multiples of θ when
 $\tan \varphi = n \tan \theta$.

11. Show that the expansion of $\frac{2x \sin \theta}{1 + 2x^2 \cos 2\theta + x^4}$ is
 $\frac{1}{\cos \theta} \{ x \sin 2\theta - x^3 \sin 4\theta + x^5 \sin 6\theta - + \dots \text{ad. inf.} \}$

12. Sum the series

$$(1) \quad \cos \alpha + \cos(2\alpha + \beta) + \cos(3\alpha + 2\beta) + \dots + \cos(n\alpha + \overbrace{n-1}^{n-1}\beta).$$

$$(2) \quad \cos \theta + \frac{\sin \theta}{1!} \cos 2\theta + \frac{\sin^2 \theta}{2!} \cos 3\theta + \dots$$

Advanced Algebra, I.

1. (a) Explain the effect upon the graph of $fx=0$, of transforming to the same function of $x-a$.

(b) Employ this transformation to approximate to the real root of $x^3-3x^2+x-2=0$.

2. (a) Show that every quadratic in n without a constant term expresses the sum of n terms of some AP .

(b) Find the series of which the sum of n terms is $\frac{1}{3}(n^2-2n)$.

3. The natural numbers are grouped thus (1)(234)(56789).....&c.; find the sum of the numbers in the n th group.

4. (a) Show that if $ax^2+by^2+2hxy+2gx+2fy+c$ is factorable in x and y its factors are

$$\frac{1}{a} \{ax + (h+H)y + g - G\} \{ax + (h-H)y + g + G\}$$

where $H^2=h^2-ab$, and $G^2=g^2-ac$.

(b) Find the condition under which the function of (a) is factorable.

5. If $(1-x)^{-n} \equiv 1 + {}^nH_1x + {}^nH_2x^2 + {}^nH_3x^3 \dots$ prove that nH_r is the number of homogenous terms of r dimensions that can be made from n letters and their powers.

6. (a) Find the series of convergents to $\frac{3817}{4421}$

(b) If $\frac{p_{n-1}}{q_{n-1}}$, $\frac{p_n}{q_n}$ be consecutive convergents, show that $p_{n-1}q_n$ differs from p_nq_{n-1} by unity.

7. Solve the exponential in $a, a^{4x} + a^{2x} = a^{6x}$.

8. (a) Obtain the expansion of e^x in ascending powers of x , and thence deduce the expansion of $\log(1+x)$ in powers of x .

(b) If a, b, c be consecutive numbers, show that
 $l.c = 2l.b - l.a - 2\{(2ac+1)^{-1} + \frac{1}{3}(2ac+1)^{-3} + \frac{1}{5}(2ac+1)^{-5} \dots\}$.

9. (a) What is a recurring series, and what is its scale of relation?

(b) The first 4 terms of a recurring series of the third order are $1-x+2x^2-2x^3$. Find the n th term; also find the sum of the series

$$1 - \frac{1}{2} + \frac{2}{2^2} - \frac{2}{2^3} + \frac{3}{2^4} - \frac{3}{2^5} + \dots \text{to infinity.}$$

10. (a) The series $u_0 + u_1 + u_2 + \dots$ is convergent if
 $n \left\{ \frac{u_n}{u_{n+1}} - 1 \right\} > 1$ when $n = \infty$.

(b) Apply this test to the series

$$1 + \frac{x}{2} + \frac{1.3x^2}{2.4} + \frac{1.3.5x^3}{2.4.6} + \dots$$

Higher Algebra, II.

1. In the development of \sqrt{N} into a continued fraction, where N is a positive non-square integer, show that the partial and complete quotients recur.

Develop $\sqrt{a^2-1}$ through the first period.

2. (a) Given one solution in positive integers of $x^2 - Ny^2 = 1$, find the general solution.

(b) Find the smallest solution in positive integers, and the general solution of $x^2 - 3y^2 = 1$.

3. Sum the series

(a) $1.3 + 4.7 + 9.13 + 16.21 + 25.31 \dots$ to n terms ; and

(b) the series whose n th term is $m(n+1)^{-1} (n+3)^{-1} (n+4)^{-1}$ to n terms and to ∞ .

4. (a) Show how to express a sum series as a continued fraction.

(b) Prove that $e^x = 1 + \frac{x}{1} - \frac{x}{x+2} + \frac{2x}{x+3} - \frac{3x}{x+4} \dots$

5. Prove Wilson's theorem on primes ; and thence show that $1 - 6(p-4)!$ is a multiple of p , if p be a prime.

6. (a) Find the highest power of a prime number a which is contained in $n!$

(b) Shew that the highest power of 2 contained in $(2^r-1)!$ is $2^r - r - 1$.

7. (a) When may the probability of an event be considered as the sum of the probabilities of two or more events ; and when as their product ?

(b) In each of a set of games it is 2 to 1 in favour of the winner of the previous game ; what is the chance

that the player who wins the first game shall win three at least of the next four ?

8. There are 4 dice each with six faces marked from 2 to 7 ; if these are thrown at random, what is the chance that the sum of the numbers exhibited shall be 14 ?

9. (a) An observed event has happened through some one of a number of mutually exclusive causes ; find the probability of any assigned cause being the true one.

(b) A man has 10 coins, and one of them has two heads. He tosses one of them five times, and it always falls head ; what is the chance that it is the coin with two heads ?

Synthetic Solid Geometry.

1. PO meets the plane U at an angle α , and ON is the projection of OP on U . OA is a planar line making $\angle POA = \beta$. Express $\cos AON$ in terms of α and β .

2. In any corner show that Σf is < 4 right angles, where f denotes a face angle; and that $\Sigma A > (2n-4)$ right angles, where A denotes a dihedral angle.

3. Prove that for a sphere to touch a given plane at a given point is equivalent to three conditions, or that the point is a triple point.

4. Give a plane construction for finding the diagonal of a parallelepiped, and thence calculate its length.

5. Show that the volume of a prismatoid is

$$\frac{h}{6}(B + B' + 4M)$$

where h is the height, B , B' the bases, and M the middle section.

6. By means of the prismoidal formula of (5) find an expression for the volume of a zone of a sphere, in terms of its height and the radii of its bases.

7. The volume of a cylindroid is the area of a right section multiplied by the distance between the centroids of its bases.

8. A semicircle revolves about a tangent at its middle point. Find the volume of the figure generated.

9. Show how to project a given line-segment so that any point on the line shall become the middle point in the projection.

10. Explain what is meant by focus, directrix, and eccentricity in regard to a conic considered as a plane section of a cone. Also what are asymptotes.

11. Prove that the parallelogram, made by tangents parallel to a pair of conjugate axes in the ellipse, is of constant area.

12. $ABCD$ is a tetrahedron and P is any point. If AP , BP , &c., meet the faces in a , b , &c., then

$$\frac{Pa}{Aa} + \frac{Pb}{Bb} + \frac{Pc}{Cc} + \frac{Pd}{Dd} = 1.$$

1. (a) Find an expression for the area of a triangle whose vertices are given.

(b) The triangle whose vertices are the centroids of the triangles $P_1P_2P_3$, $P_2P_3P_4$, and $P_3P_4P_1$ has one-ninth the area of the triangle $P_4P_1P_2$.

2. (a) Find the equation of the line which passes through two given points.

(b) Obtain the equation of the line which joins the middle points of the parts of the lines $ax+by+c=0$ and $bx+ay-c=0$, intercepted between the axes.

3. (a) By what test do we distinguish as to whether the general equation denotes lines or not?

(b) Apply the test to $x^2+2y^2+2xy+4x+2y+5=0$; and if it denotes lines, find the angle between them.

(c) Show that the bisectors of the angle between two lines are always real whether the lines be real or imaginary.

4. Given $Ax+By+C=0$ to oblique co-ordinates, angle ω , show how to reduce it to the standard equation $x \cos \alpha + y \cos (\omega - \alpha) = p$.

5. In any parabola, (a) the chord of contact of two tangents and the ordinate of their point of intersection cut the axis at points equidistant from the vertex and upon opposite sides of it.

(b) The line through the point of intersection of the tangents, and parallel to the axis, bisects the chord of contact.

6. (a) In an ellipse the tangent of any point bisects externally the angle between the focal lines to that point.

(b) If an ellipse and a hyperbola have the same foci they intersect orthogonally.

7. If N be the length of normal at any point of an ellipse, and $f_1 f_2$ be the focal lines to that point, then

$$N = \frac{b}{a} \sqrt{f_1 f_2} .$$

8. Show that four normals can be drawn from any point to an ellipse, and that two, at least, must be real.

9. Find the equation of the locus of the foot of the perpendicular from the centre of a hyperbola upon a tangent.

10. Explain what is meant, in the equilateral hyperbola, by the functions $\cosh u$, $\sinh u$, $\tanh u$.

When is θ called the gudermannian of u ?

Salmon's Conics.

1. (a) Establish the condition that the lines
 $l\alpha + m\beta + n\gamma = 0$ and $l'a + m'\beta + n'\gamma = 0$
 may be perpendicular to one another.
 (b) Find the line through the point of reference A
 perpendicular to AB .
2. (a) Write the conic in α, β, γ which touches the
 sides of the triangle of reference.
 (b) Obtain the relation which the line
 $l\alpha + m\beta + n\gamma = 0$
 holds to this conic.
3. In the conic $f(xy) = 0$ show (a) that the terms of
 two dimensions equated to zero give the asymptotes, and
 (b) that if the origin is on the curve, the terms of one
 dimension equated to zero give the tangent at the origin.
4. Find the two invariants when the conic $f(xy) = 0$ is
 transformed by a linear substitution.
5. (a) Determine the conditions for different orders of
 contact where two conics are referred to the same common
 tangent and cord through the point of tangency, as co-
 ordinate axes.
 (b) What kind of contact has $x^2 + y^2 - 3xy + 2x = 0$
 with $x^2 + 2y^2 + xy + 2x = 0$?
6. (a) If a conic be referred to two tangents and the
 chord of contact, show that the diameter of the circum-
 circle to the triangle of reference is $b'b'' \div p$, where b', b''
 are semi-diameters parallel to the tangents, and p is the
 perpendicular from the centre to the chord of contact.
 (b) From the preceding relation deduce the value
 of the radius of the circle of osculation.

7. (a) In the conic $\mu^2 L - 2\mu R + M = 0$, if two μ s be connected by the relation $\mu\mu' = a$, show that the tangents at μ and μ' intersect on a line, and give the equation of the line.

(b) In a given conic inscribe a triangle whose sides pass through three given points, and distinguish between real and imaginary solutions.

8. (a) Prove that any conic may be obtained by polar reciprocation of the circle.

(b) Show that the locus of intersection of tangents whose chord subtends a fixed angle at the focus is a conic having the same focus and directrix.

Determinants and Theory of Equations.

$$1. \quad \begin{vmatrix} x-x_1 & y-y_1 & x_1(x-x_1)+y_1(y-y_1) \\ x-x_2 & y-y_2 & x_2(x-x_2)+y_2(y-y_2) \\ x-x_3 & y-y_3 & x_3(x-x_3)+y_3(y-y_3) \end{vmatrix} = 0$$

denotes a circle. Find its f , g , and c as matrices.

2. By the multiplication of matrices find the condition that

$ax^2 + by^2 + cz^2 + 2fyz + 2gzx + 2hxy + 2ux + 2vf + 2wz + d$ may be the product of two factors linear in x , y and z .

3. If A be the first minor of a in $|abc\dots|$, show that the first minor of A in the reciprocal or adjugate of $|abc\dots|$ is equal to $a|abc\dots|^{n-2}$.

4. Express the n th convergent of the continued fraction $\frac{b_1}{a_1} + \frac{b_2}{a_2} + \dots$ as the quotient of two matrices.

5. If a symmetric determinant vanishes, the same symmetrically bordered, and with the last element zero is, with changed sign if necessary, a complete square.

6. Approximate, to four decimal places, to a real root of $x^5 - 3x^2 + x - 30 = 0$.

7. Form the cubic whose roots are the differences of the squares of the roots of $x^3 + 3a_1x^2 + 3a_2x + a_3 = 0$; and discuss the importance of its independent term.

8. Define Sturm's functions, and show how they can be employed to determine the existence of real roots, by finding the condition that all the roots of $z^3 + 3mz + n = 0$ may be real.

9. If $s_r \equiv$ the sum of the r th powers of the roots of $fx = 0$, show that

$$s_{n-1} + s_{n-2}p_1 + s_{n-3}p_2 + \dots + s_1p_{n-2} + (n-1)p_{n-1} = 0$$

Differential Equations, &c.

1. If $u = \frac{1}{2} \frac{(\sin^{-1}x)^2}{\sqrt{1-x^2}}$, show that

$$(1-x^2)D^n - (2n-1)x D^{n-1} - (n-1)^2 D^{n-2} = 1^2.3^2.5^2 \dots (n-3)^2 + Ax + Bx^2 + \dots;$$

and find the form of A .

2. Find the complete primitive of

(a), $(y + \sqrt{x^2 - y^2})dx = dy$.

(b) $\sec^2 x \tan y \cdot dy + \sec^2 y \tan x \, dx = 0$.

3. (a) Show how to solve the general linear $\frac{dy}{dx} + Py = Q$, when P and Q are functions of x only.

(b) Solve $y - \cos x \cdot \frac{dy}{dx} = y^2 \cos x (1 - \sin x)$.

4. Solve the equations—

- (a), $y = px + p - p^3$; (b), $(D^3 - 4D^2 + 5D - 2)y = ae^x$;
 (c), $(D^2 + 2nD + n^2)y = x^2 X$, where X is a function of x ;
 (d), $D^n = Y$, where Y is a function of y alone.

5. (a) In looking for a singular solution how would you detect the difference between a cusp locus and an envelope locus?

(b) What loci are involved in the equation

$$(x^2 - a^2)p^2 - 2pxy - x^2 = 0?$$

6. Express Δu_x in terms of u_{x+1} , u_{x+2} , &c., and thence find a series for $\Delta^m 0^n$, $m < n$.

7. Prove the theorems

(a), $f(t) = f(D)e^{ot}$; (b), $\varphi(\Delta)0^n = E\varphi'(\Delta)0^{n-1}$.

8. In a curve we have given $n+1$ equidistant ordinates, u_0, u_1, \dots, u_n . Show that its area is approximately

$$u_0 \int_0^n dx + \Delta u_0 \int_0^n x dx + \frac{\Delta^2 u_0}{2!} \int_0^n x(x-1) dx + \dots$$

Differential and Integral Calculus, I.

1. Find $\frac{dy}{dx}$ in (a), $x\sqrt{1+y} + y\sqrt{1+x} = 0$;

$$(b), y = \tan^{-1} \frac{\sqrt{x} + \sqrt{a}}{1 - \sqrt{ax}};$$

$$(c), y = xe^{\tan^{-1} x}; \text{ and}$$

$$(d), \frac{dr}{d\theta} \text{ in } r = \cos \theta \sinh \theta + \cosh \theta \sin \theta.$$

2. Find $\frac{d^n y}{dx^n}$ when $y = e^x \sin x \sin 2x$.

3. Develope Taylor's theorem, and thence deduce Maclaurin's theorem.

4. Prove that

$$\left(\frac{\theta}{\sin \theta}\right)^2 = 1 + \frac{2^2}{3 \cdot 4} \sin^2 \theta + \frac{2^2 \cdot 4^2}{3 \cdot 4 \cdot 5 \cdot 6} \sin^4 \theta + \dots$$

5. If $y = fx$ is an algebraic curve and f' is the first derivative, show that $p = \frac{xf' - y}{\sqrt{1 + f'^2}}$, and thence show how to find the pedal.

6. (a) State Leibnitz' theorem, and apply it to find the n th differential of $x^2 \frac{d^2 y}{dx^2} + x \frac{dy}{dx} + y = 0$.

(b) Develope y in ascending powers of x when $y = (\sin^{-1} x)^2$.

7. Perform the integrations indicated—

$$(a), \quad \int \frac{dx}{(1+x)\sqrt{1+2x-x^2}},$$

$$(b), \quad \int \frac{d\theta}{1+\cos \theta},$$

$$(c), \quad \int \sin^{2m} \theta \cos^{2n+1} \theta \, d\theta,$$

$$(d), \quad \int e^{ax} \sin^2 x \, dx.$$

8. In the cycloid $x=a(\theta-\sin\theta)$ and $y=a(1-\cos\theta)$, find the area, and also the length, of one loop of the curve.

9. Find the radius of curvature of the curve

$$r=a(1+\cos\theta) \text{ at the points } \theta=0 \text{ and } \theta=\frac{\pi}{2}$$

Differential and Integral Calculus, II.

(The symbol δ indicates partial differentiation).

1. (a) If u, v be each a function of x , prove that
 $D^n(uv) = \{ D_1^n + {}^nC_1 D_1^{n-1} D_2 + {}^nC_2 D_1^{n-2} D_2^2 + \dots + D_2^n \} uv$, where D_1 affects u alone and D_2 affects v alone.

(b) Given $y = x^3 \sin ax$ to find $\frac{d^ny}{dx^n}$.

2. If $\varphi(n)$ is a positive integral function of n , show that
 $\varphi \left(x \frac{d}{dx} \right) x \frac{1-x^n}{1-x} = \varphi(1)x + \varphi(2)x^2 + \dots + \varphi(n)x^n$.

3. (a) If $u = \varphi(x+at, y+\beta t, z+\gamma t)$ where $x, y, z, a, \beta, \gamma, t$ are independent variables, prove that

$$\frac{\partial u}{\partial t} = a \frac{\partial u}{\partial x} + \beta \frac{\partial u}{\partial y} + \gamma \frac{\partial u}{\partial z}.$$

(b) Write out in two different series the expansion of $f(x+h, y+k)$ by Taylor's theorem.

4. If u and v are both functions of x and y , show that

$$\frac{\partial u}{\partial x} \cdot \frac{\partial v}{\partial y} = \frac{\partial u}{\partial y} \cdot \frac{\partial v}{\partial x}, \text{ and } \frac{\partial}{\partial x} \left(u \frac{\partial v}{\partial y} \right) = \frac{\partial}{\partial y} \left(u \frac{\partial v}{\partial x} \right).$$

5. Find the polar equation to the pedal of

$$x^2 + y^2 + 2ax - a^2 = 0.$$

6. (a) Prove that a polar curve is concave or convex towards the pole according as

$$u + \frac{d^2u}{d\theta^2} \text{ is } > \text{ or } < 0; \text{ where } u = \frac{1}{r}.$$

(b) Is the spiral $r \cosh \theta = a$ concave or convex to the pole?

7. Integrate

$$(a) \int_0^{2a} x \operatorname{versin}^{-1} \left(\frac{x}{a} \right) dx; \quad (b) \int \sqrt{\sin \theta} \cdot \cos^3 \theta \, d\theta;$$

$$(c) \int \frac{x^{m-1}}{x^n - 1} dx \text{ where } m < n.$$

8. Find the value of $\int_0^\infty e^{-x} x^n dx$, where x is a positive integer; and thence deduce that

$$\int_0^1 x^m \left(\log \frac{1}{x} \right)^n dx = \frac{n!}{(m+1)^{n+1}}.$$

9. If P be the area of the pedal of a curve for a fixed origin, O , and P' be the area for a variable origin O' , show that when $P - P'$ is constant the locus of O' is a circle.

10. A circular cylinder whose diameter is $2a$ cuts a circular cone whose semivertical angle is β , so that the axis of the cylinder intersects the axis of the cone at right angles, and the surface of the cylinder passes through the vertex of the cone. Form the triple integral, with the limits written in, for the volume common to the cone and cylinder. You need not perform the integration.

Spherical Geometry and Trigonometry.

1. Explain why there is no theory of parallels in spheric geometry.

2. Show that the sum of the angles of any spheric triangle lies between 2 right angles and 6 right angles.

3. Give a statement of the cases of ambiguity when two sides and an oppsite angle are given.

4. Develope the formula

$$\cot a \sin b = \cos b \cos C + \sin C \cot A ;$$

and by means of an auxiliary angle adapt it to the logarithmic calculation of A .

What other method have we of calculating A ?

5. (a) State the rule called Napier's circular parts.

(b) Apply this rule to find the azimuth from east that a star of declination δ has at rising, in a place whose latitude is φ .

6. Develope the formula

$$L = \tan \theta \cdot \left\{ l \cdot \tan \frac{x}{2} - l' \cdot \tan \frac{x'}{2} \right\},$$

for the difference in longitude, in following the loxodrome from lat. $\left(\frac{\pi}{2} - x' \right)$ to lat. $\left(\frac{\pi}{2} - x \right)$, at the angle θ with the meridians.

7. The right ascensions of two stars are α, α' and their declinations δ, δ' . Find their azimuth when they are situated upon the same vertical circle.

8. Give a sketch of how longitude is found by means of moon-culminating stars.

Analytic Solid Geometry.

1. Deduce the relations $\cos \alpha = l + m \cos \nu + n \cos \mu$, &c., and thence show that

$$l^2 + m^2 + n^2 + 2mn \cos \lambda + 2nl \cos \mu + 2lm \cos \nu = 1.$$

2. Find the plane which passes through two given points and is parallel to a given line.

3. Prove that the sum of the reciprocals of the squares of three perpendicular diameters of an ellipsoid is constant.

4. Find the coordinates of the pole of $lx + my + nz = 0$ with respect to the surface

$$x^2 + y^2 + z^2 + 2ux + 2vy + 2wz + d = 0.$$

5. Prove that the surface $Ax^2 + By^2 + Cz^2 = 1$ can be a ruled surface only when A or B or C is negative.

6. Show that the cone $xy + yz + 2x = 0$ has the three axes as generating lines; and transform the equation so that the z axis may become the axis of the cone.

7. A line parallel to the plane YZ and of constant length c , has one extremity in the circle $x^2 + y^2 = a^2, z = 0$, and the other on the plane XZ . Find the equation to the surface generated.

8. Prove that the plane $lx + my + nz = p$ will touch the surface $ax^2 + by^2 + cz^2 = 1$ if $p^2 = \frac{l^2}{a} + \frac{m^2}{b} + \frac{n^2}{c}$.

9. Show that a tangent plane to a hyperboloid of one sheet cuts the surface along two lines.

10. Prove that two conicoids which intersect orthogonally at all their common point are confocal.

11. Prove Euler's theorem $\frac{1}{\rho} = \frac{\cos^2 \theta}{\rho_1} + \frac{\sin^2 \theta}{\rho_2}$, and Meunier's theorem $\rho_1 = \rho_0 \cos \varphi$.

12. Obtain the value

$$\frac{(Ux^2 + Uy^2 + Uz^2)(ds)^2}{Uxd^2x + Uyd^2y + Uzd^2z}$$

for the radius of curvature of $U=0$ at the point x, y, z .

Quaternions.

1. (a) Give the conditions (1) that two vectors are perpendicular ; (2) that three vectors are coplanar ; (3) that three vectors being coinitial may terminate in a line ; (4) that one vector bisects the angle between two others ; (5) that one vector is perpendicular to each of two others.

(b) Express (1) the area of the triangle of which two vectors are sides ; (2) the volume of the tetrahedron of which three vectors are coterminal edges.

2. Show in any way that vector multiplication is not generally commutative, and state two exceptional cases.

3. Prove that $V.a V\beta\gamma = \gamma S\alpha\beta - \beta S\alpha\gamma$; and that $V\alpha\beta\gamma = \alpha S\beta\gamma - \beta S\gamma\alpha + \gamma S\alpha\beta$.

4. The medians of a tetrahedron divide each other into parts which are as 3 to 1.

5. If $\alpha, \beta, \gamma, \delta$ form a concyclic quadrangle $\alpha\beta\gamma = \frac{abc}{d}\delta$; and if the quadrangle be not planar, $\alpha\beta\gamma\delta = x\tau$ where τ is a vector along the radius of the circumscribing sphere.

6. Find the equation of a plane through three given points.

7. (a) Given $a^2\rho^2 + (S\alpha\rho)^2 = -a^4(1-e^2)$ as the equation to the ellipse, deduce the equation $S\rho\varphi\rho = 1$, and show that $\varphi\rho = -\left(\frac{x\dot{i}}{a^2} + \frac{y\dot{j}}{b^2}\right)$.

(b) What are the effects of φ and ψ as operators upon ρ ?

8. Show that the parallelogram on conjugate diameters of an ellipse, taken in both length and direction is constant.

9. Show that the tangent at the point x, y on a parabola is given by $\pi = (2t-1)xi + tyj$, where t is a variable scalar.

10. P and Q are any two points on an ellipse. From P an ordinate is drawn to the diameter through Q , and from Q an ordinate to the diameter through P . Then the triangles so formed are equal.

11. The sum of the squares of perpendiculars from the centre to three mutually orthogonal tangent planes to an ellipsoid is constant.

First Honour Physics.

A. *Dynamics II, Light and Astronomy.*

1. Find the time of revolution of a conical pendulum.
2. Prove that, if the temperature were constant, the number of oscillations made per hour by a pendulum in a balloon would vary as the distance from the earth's centre.
3. Determine the *total* pressure, due to weight, of a liquid at rest on any surface S situated below the free surface of the liquid.
4. Explain how the heights of mountains are approximately measured by observations of the barometer, and prove the formula for calculations.
5. Explain by a figure, how by Rumford's shadow-photometer the relative intensities of two lights are measured.
6. Explain how the colour of a substance, e.g. blood, may be analyzed.
7. Prove the relation between u , v and r for direct reflection from a convex spherical mirror.
8. Prove that the position of an image formed by a lens is the same whichever side of the lens is turned towards the object. Prove this for a concavo-convex lens.
9. How are the mean solar time and the latitude of a place determined by an observation of the Sun's meridian altitude?

10. Explain and illustrate by figures the effects of *parallax* and *refraction*; those also of *aberration*, *precession* and *nutation*.

11. Find the angular value of a revolution of the micrometer screw of the filar micrometer.

12. Prove that ϕ' being the *geocentric* latitude

$$\tan \phi' = \frac{b^2}{a^2} \tan \phi$$

and thence find the angle of the vertical at any latitude.

First Honour Physics.

B. Dynamics III and Thermodynamics.

1. Prove that a projectile, at its greatest distance from a plane normal to the plane of motion, is vertically above the middle point of the range on that plane, and is then moving parallel to the plane.

2. To determine the character of the whole path described by an elastic ball moving under the action of its weight and reflected from the ground, considered as a smooth horizontal plane, and find the *total* time of flight and *total* range.

3. Explain and prove the formulae $pv=r^2\omega=h$ in any motion about a centre of force.

4. Prove the formula $v^2=\mu(2a-r)\div ar$ for planetary motion.

5. How can a simple pendulum be made to swing in an arc of a cycloid? Find the time of oscillation.

6. A body supported by a vertical wire is turned round an axis coinciding with the wire and then set free; find the character of the motion and the time taken to twist and untwist.

7. A hollow cylindrical shell with internal and external radii a and b rolls down an inclined plane. Determine the motion.

8. Prove that precession and nutation do not result in any change in the length of the day. If by cooling the earth contracts, will the day lengthen or shorten? Explain your answer.

9. Define and give a good example of a diathermanous substance. Is the diathermanity of a substance inversely proportional to its thickness? Prove your answer.

10. Give Melloni's proof of the law of intensity of dark heat. Is dark radiant energy more or less refrangible than light? How is this proved?

11. Are there facts analogous to the transparency of red and green glass in the science of dark heat? Why do such kinds of glass lose their colour in the fire?

12. Enunciate the First Law of Thermodynamics and from it determine the relation between the two specific heats of air and the mechanical equivalent of heat.

13. Enunciate the Second Law of Thermodynamics. How is it proved that the efficiency of a heat-engine never practically exceeds $\frac{1}{4}$?

Second Honour Physics.

I. Dynamics of a Particle.

1. A particle moves in a plane curve, to express its component accelerations at any instant along and at right angles to the radius vector.

2. The motion of a particle in a plane being given with respect to fixed axes, to determine expressions for its velocity and acceleration relatively to axes in the same plane which rotate about the same origin with constant angular velocity.

3. A particle moves in a straight line, subject to a force of repulsion which is proportional to the distance of the particle from a fixed point in its line of motion; determine the equations of motion.

4. A particle moves in a straight line, subject to an attraction which varies inversely as the square of the distance of the particle from a fixed point in its line of motion; determine the speed from infinity at any distance from the centre of attraction.

5. Particles are projected in all directions from a given point with a given speed, and are subject only to their weights; determine the envelope of the paths and represent it in a diagram.

6. Deduce the law of the refraction of light on the corpuscular theory, and explain how from the result the theory had to be given up.

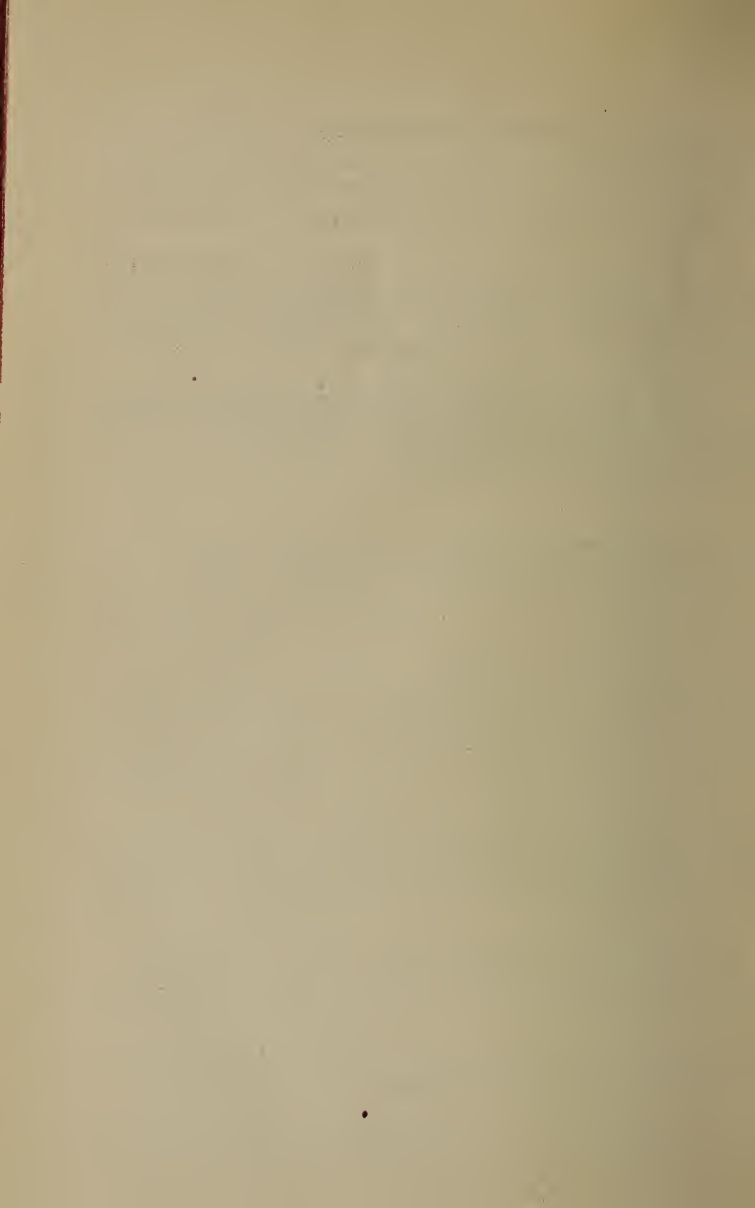
7. Determine the polar equation of the path of a particle which is subject to an attraction towards a centre of force.

8. The speed of a particle at any point of a central orbit is the same as that which would be acquired by a

particle moving freely from rest along one-fourth of the chord of curvature at the point, drawn through the centre of force, under the action of a constant force whose intensity is equal to that of the central attraction at the point.

9. In a central orbit there cannot be more than two apsidal distances. Prove this generally, and deduce it analytically when the central force varies as a power of the distance of the particle from the centre of force.

10. Enunciate Kepler's third law of planetary motion, and give and prove a more correct statement of the relations of the elements involved.



Second Honour Physics.

II. *Analytical Statics.*

1. Determine the conditions of equilibrium of a particle acted on by any forces and constrained to remain on a given smooth surface.

2. If a particle be placed on a sphere and be acted on by 3 forces represented by 3 chords mutually at right angles drawn through the particle, it will remain at rest.

3. Find the condition that any number of forces acting upon a rigid body in any directions may be reducible to a single resultant.

4. If 4 forces acting on a rigid body are in equilibrium, and a tetrahedron be constructed by drawing planes at right angles to the direction of the forces, the forces will be respectively proportional to the areas of the faces.

5. If X, Y, Z be the components of R , and L, M, N the components of G for any system of forces acting on a rigid body, prove that $XL + YM + ZN$ is absolutely independent of the origin and of the directions of the axes.

6. Define the *central axis* of any system of forces and determine its equations.

7. Find the centre of mass of any three of the following:—

(a) Of the area enclosed by a cycloid and its base.

(b) Of a frustrum of a paraboloid made by planes normal to the axis.

(c) Of a hemisphere whose density varies inversely as the square of the distance from the centre.

(d) Of an arc of a circle.

(e) Of the surface formed by the revolution of a cycloid about its axis.

(f) Of the surface of the quarter of a sphere.

8. If any plane figure revolve about an axis lying in its plane, the surface of the solid generated is equal in area to the rectangle, of which the sides are the length of the perimeter of the generating figure, and the length of the path of the centre of mass of the perimeter.

9. Find the equation of the common catenary.

10. Prove that if a uniform chain hang freely over any two points, the extremities of the chain will be in the same horizontal line, when the chain is in equilibrium.

Honour Chemistry.

I.

Ores, Fuels, &c.

1. Describe the principal ores of iron, and discuss the influence on their value of the presence of sulphur, phosphorus, titanium, manganese, and chromium.

2. Discuss the ores of zinc (*a*) as to origin, and (*b*) as to composition.

3. (*a*) Give an outline of the commercial analysis of coal. (*b*) Why is the presence of sulphur in coal objectionable? (*c*) How would you distinguish coal from lignite?

4. Give Gruner's classification of coals, mentioning which classes are suitable for making coke.

5. What effect has coking on the percentage (*a*) of ash, and (*b*) of sulphur and phosphorus? (*c*) Discuss the action of water on sulphur in coking.

6. Discuss the influence on the fusion temperature of a silicate of

- (*a*) The nature of the base.
- (*b*) The proportion of the base to the silica.
- and (*c*) The presence of other silicates.

HONOURS.
Chemistry.

I.

Organic Chemistry.

1. Describe the chemical process for manufacturing alizarin from anthracene, indicating the relations of the substances obtained at the different stages.

2. (a) How many mono-chlor-naphthalenes are known? (b) How does the number known agree with the theory of the constitution of naphthalene? Explain.

3. (a) Of what special significance is the formation of metaxylene by distilling mesitylenic acid with lime? (b) Only *one* mesitylenic acid is known. What bearing has this fact on the constitution of mesitylene?

4. (a) How can allyl alcohol be obtained from glycerol? (b) How is allyl alcohol converted into allyl mustard oil?

5. (a) Give three general methods for the preparation of thio-alcohols. (b) What compounds are formed by the oxidation of thio-alcohols?

6. (a) Describe two general methods for preparing organic acid-anhydrides. (b) Compare organic with inorganic acid-anhydrides.

Honour Chemistry and Honour Mineralogy.

I.

Crystallography.

1. (a) Enumerate the general properties of hemihedral forms. (b) What is Groth's rule for choosing the surfaces? (c) Define *hemimorphism*, and indicate its relation to pyroelectricity.

2. (a) Give a complete description of *mOn* indicating the positions of the digonal and trigonal axes. (b) Write Miller's symbols for the surfaces in the left hand lower front octant.

3. Deduce the sequence of hexoctahedra which bevel the edges of the rhombic dodecahedron.

4. Describe the quarter forms derived from the hexagonal deuteropyramids by trapezohedral tetartohedrism.

5. (a) Define *twinning axis*, *twinning plane*, and *composition face*. (b) Describe the Dauphiné and the Brazilian twins of quartz.

6. Describe carefully the models A and B, and the crystal C.

Honour Chemistry.

II.

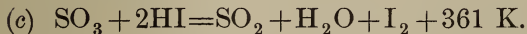
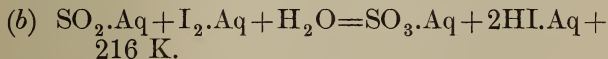
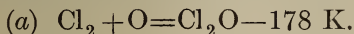
General Chemistry.

1. Discuss the variations from Boyle's law at high pressures. How does the kinetic theory explain these variations?

2. Deduce the law of expansion of gases by heat from the kinetic theory.

3. (a) What is Hess's Law of Thermoneutrality?
(b) How does the dissociation theory of solution explain it?

4. Discuss the following thermochemical equations, indicating their bearing on the properties of the substances :



5. (a) How have the velocities of the ions of electrolytes been measured? Give some details of the results obtained.

HONOURS.
Chemistry.
II.

History of Chemistry.

1. Write a short account of Berzelius' dualistic theory, and compare it with the modern theory of electrolytes.
2. Discuss the influence of Avogadro's hypothesis on the development of chemical theory.
3. (a) How did the structure theory originate?
(b) What is its relation to the valence doctrine?
(c) Discuss the idea of *variable valence*.
4. (a) What led to the study of stereo-chemistry?
(b) Indicate the present state of development of this branch of chemical theory.

Chemistry I and Mineralogy II.

Qualitative Analysis.

1. How would you prepare for use in the laboratory (a) nitric acid, (b) silver nitrate, (c) cuprous chloride, (d) hydrofluosilicic acid, (e) sodic sulphide, (f) sulphurous acid.

2. A mineral, in the preliminary examination, gives a little flocculent skeleton in the phosphorsalt bead—how would you proceed to prepare a solution of the mineral for analysis.

3. How would you proceed to detect and separate *barium*, *strontium*, *calcium* and *magnesium* when given you in solution for analysis?

4. The liquid obtained by filtration from the digest of the H_2S precipitate with ammonium sulphide is dark brownish black in color and turbid—explain the probable causes. How would you treat the solution?

5. Sodium hydroxide solution is added in excess to a solution containing ferric chloride, chromic sulphate, aluminium sulphate, zinc sulphate and nickel sulphate. Describe in detail the chemical changes undergone by each of the compounds mentioned.

6. (a) Bromine water is added to ferrous sulphate solution. Write the equation for the reaction.

(b) What is the whitish substance formed sometimes by the action of HNO_3 on the residue of the H_2S precipitate after digestion with ammonium sulphide.

7. Give one good corroborative wet test for each of the following:—(a) bismuth, (b) arsenic, (c) antimony, (d) acetic acid, (e) chromic acid, (f) thiosulphuric acid.

HONOURS.

Mineralogy, II.

Systematic Mineralogy.

1. Water and coal are usually classified as minerals. Discuss the propriety of this.

2. Shew by examples what is meant by the terms :—
(a) *mineral species*, (b) *cleavage form*, (c) *paramorph*, (d) *individual*, (e) *essentiality* as applied to the form of crystals, (f) *pleochroism*, (g) *idiochromatic*.

3. Discuss *the growth of crystals*.

4. "Crystallographic symmetry is one of direction and not of position." Discuss this statement.

5. Explain carefully the construction, principles and uses of the Nicol's prism.

6. Discuss the action of heat on crystal forms.

7. Write a description of the specimen submitted.

8. Give an account of some of the changes which minerals undergo when exposed to atmospheric agencies.

9. Artificial minerals—Give a short account of the methods employed for producing them, and the success that has attended these efforts.

10. Shew by examples taken from minerals of Eastern Ontario what is meant by the "*association of minerals*."

Chemistry II, and Mineralogy III.

1. Give complete details for determining gravimetrically the per cent. of chlorine in a sample of common salt.

2. (a) Describe carefully how you would prepare a standard solution of sodium thiosulphate. (b) How would you use it to estimate the amount of free chlorine in a solution.

3. How would you prepare a decinormal solution of sulphuric acid?

4. How would you collect a sample of air and determine accurately the proportion of carbon dioxide?

5. Given a sample of limestone from the quarry, how would you proceed to make an analysis of it?

6. Give details for preparing and standardising potassic cyanide solution for the nickel assay.

7. Describe in detail a method for determining the amount of copper in a sample of ore containing mostly malachite.

8. The sample labelled A is given for scorification assay. (a) Give charge, (b) indicate dangers to be avoided, supposing the ore to be a rich ore.

9. The cupel after removal from muffle is dark green in color. (a) What does this indicate? (b) How would you apply a remedy for a possible error? (c) A dark ring surrounds the bead in the cupel. What is the probable cause?

10. The sample labelled B is given for assay for gold. Give charge and details of the process, with reasons.

Mineralogy, III.

1. Write a short paper on mineral classification and nomenclature, illustrating your answer by reference to the silicates.

2. What is meant by "alteration products"? Give three examples and show how they are formed.

3. Select any mineral containing at least three elements and show how the formula is deduced.

4. State the composition and mineralogical and geological relations of the principal ores of copper.

5. Suppose you have found a new mineral, state fully what you would do to prove your "find."

6. Discuss *isomorphism*, using as examples the "apatite group" and the "cassiterite, zircon, rutile group."

7. Give the characteristics of the minerals of the "zeolite group."

8. Describe crystallographically the specimens numbered.

9. Describe the rhombic pyroxenes and show their importance as rock forming minerals.

10. Give the blowpipe characters of niccolite, boracite, titanite, tourmaline and celestite.

HONOURS.

Botany—First Year.

FIRST PAPER.

Morphology and Physiology.

1. Write notes on buds, (1) different kinds of buds, (2) their positions, (3) uses, (4) non-development.
2. Show how leaves are specialized (1) for the utilization of animal matter, (2) for storage of reserved materials, (3) for climbing.
3. Explain how the different forms of indeterminate inflorescence may be developed from the Raceme.
4. Describe any two adaptations in hermaphrodite flowers for securing cross-fertilization by means of insects.
5. Classify and define the simple fruits, i.e. those which result from the ripening of a single pistil.
6. Explain briefly the different methods of cell-formation.
7. Write notes on the following products of the cell :—
(1) Chloroform, (2) starch, (3) crystals.
8. Describe the internal structure of leaves.
9. What are the five most important elements of plant-food, and from what source does the plant receive each of these ?
10. Explain the effects of three different agents or forces on the movement of water in plants.

HONOURS.

Botany—First Year.

SECOND PAPER.

Practical Botany.

1. A bundle of unnamed plants lies before you. Write a list of them, giving (1) the botanical names, (2) the family to which each belongs.

2. Describe as fully as you can one specimen from any five of the following families, giving (1) ordinal, (2) generic, (3) specific characters :—Ranunculaceæ, Cruciferæ, Caryophyllaceæ, Umbelliferæ, Compositæ, Ericaceæ, Scrophulariaceæ, Labiataæ, Liliaceæ, Araliaceæ.

3. Give a list of the plants in the bundle producing the following fruits :—(1) Achene, (2) Berry, (3) Legume, (4) Capsule, (5) Follicle.

4. What plants in the bundle produce the following forms of Inflorescence :—(1) Raceme, (2) Umbel, (3) Cyme, (4) Corymb, (5) Glomerule?

5. Give the technical names of the fruits produced by the following genera :—Ranunculus, (2) Actaea, (3) Prunus, (4) Pastinaca, (5) Mentha.

HONOURS.

Botany—Second Year.

FIRST PAPER.

Physiological Botany.

1. Describe the origin and growth of (1) a stoma, (2) a lenticel.

2. Explain how the annual rings are produced and also how a double ring may be formed in a single year.

3. Why does alburnum decay so much more readily than duramen? What wood-preserving processes are employed to prevent decay?

4. Describe the early stages of development of a leaf.

5. Describe (1) the structure of Protoplasm, (2) its relations to (a) temperature, (b) light, (c) electricity.

6. Write notes on the origin of root-hairs and the purposes they serve.

7. The ashes of plants contain the following elements:—Potassium, calcium, magnesium, phosphorus, iron, chlorine, sulphur, sodium. Describe any experiments by which we may ascertain the office of any two of them in the growth of the plant.

8. How is the transpiration of plants affected by (1) soil, (2) temperature, (3) age of leaves?

9. How are the autumnal changes in the color of leaves accounted for?

10. What are the principal phenomena of germination?

HONOURS.

Botany—Second Year.

SECOND PAPER.

Cryptogamic Botany.

1. Give the general characters of (1) Cyperaceæ, (2) Gramineæ, stating the principal points of difference, and (3) describe their adaptations for wind-fertilization.

2. Describe (1) the sporophyte, (2) the gametophyte and mode of fertilization of a Lycopodium; also (3) its mode of vegetative reproduction.

3. Trace the life history of a Fern from the spore through the prothallium to the perfect sporophyte.

4. State the points of difference between the gametophyte and sporophyte of the Pteridophyta and the Musci.

5. What are the modes of reproduction in (1) Proto-phyta, (2) Diatomaceæ?

6. Describe fully one of the following :—*Peronospora infestans*, *Claviceps purpurea*, *Sphaeria morbosa*, *Puccinia graminis*, *Agaricus campestris*.

HONOURS.

Botany—Second Year.

THIRD PAPER.

Practical Botany.

1. You have before you a bundle of unnamed plants ; make a list of them giving botanical names and families.

2. Select one species from each of the following families and describe it as accurately as you can, giving (1) ordinal, (2) generic, (3) specific characters :—Cyperaceæ, Gramineæ, Equisetaceæ, Filices, Lycopodiaceæ, Musci, Hepaticæ, Lichenes, Algae.

Geology.

1. Write a short paper on each of the following subjects :

- (1) The earth as a planet.
- (2) Climate in its geological relations.
- (3) Oceanic waters, their movements and geological work.

2. Give a classification of winds and state how they originate.

3. Describe the physical conditions which attended the accumulation of the Carboniferous formations of Canada.

4. "It is necessary and natural to divide mankind into several varieties."

Name these varieties and give the distinguishing characteristics of each. State, as nearly as you can, the place of origin of each race.

Geology.

1. State the reasons that have been given for believing that life existed, upon the earth, during Archæan times.

2. In what respects do Palæozoic corals differ from their modern representatives?

3. Give a classification of the trilobita and state the distinguishing characters of calymene, phacops and triarthrus.

4. Describe the more important representatives of the cephalopoda that occur in the Silurian formations of Ontario.

5. Give a list of the fossils found in the Guelph formation.

6. Define, briefly, the following genera and shew by diagram the life-range in each case :

Calamite, lepidodendron, phyllograptus, alveolites, glyptocrinus, leperditia, atrypa, murchisonia, pterichthys.

Geology.

1. Write notes on the *doctrine of "colonies"* and *imperfections in the palæontological record*.

2. Describe, briefly, each of the following and shew by diagram the life-range in each case: *dinoceras*, *hesperornis*, *mesopithecus*, *microlestes*, *palæoniscus*, *palæostherium*.

3. How do you account for the present distribution of the Silurian formations of eastern North America? Describe the physical conditions which you believe prevailed during this period.

4. Write a paper on the Devonian formations of Ontario. Illustrate your answer by a sketch map of the province.

5. Classify Canadian coals. Describe the formations in which they occur.

6. Give Chamberlain's classification of glacial deposits. State the characters of the Quaternary deposits of Ontario.

Geology.

1. Upon what data do geologists base their estimate of the age of the earth?

2. Give a description of volcanoes under the following headings : structure, products, geological and geographical distribution, causes.

3. Shew, by diagram, how the approximate depth of origin of earthquakes can be estimated and mention their geological effects.

4. Write notes on the origin, detection and tracing of faults.

5. What theories have been proposed to account for jointing?

6. Describe, by means of a section, the rock-structures which commonly occur in regions of great disturbance.

7. Write a paper on metamorphism, local and regional.

8. Give Van Hise's classification of the Pre-Cambrian rocks. What objections are there to the use of the term Archæan?

Economic Geology.

1. Give a classification of iron ore deposits upon each of the following bases: (1) mineral contents, (2) form of deposits, (3) origin of deposits.

2. What valuable minerals are sometimes found in association with serpentine?

3. Describe the ores and their modes of occurrence of (1) tungsten, (2) uranium. Mention uses made of these substances or of their compounds.

4. State Posepny's theory of the origin of certain "salt" deposits.

5. How are mineral waters classified? Give Canadian examples where you can.

6. Make a list of substances of economic value found in the Palæozoic strata of Ontario.

7. Classify Canadian brick clays. What are the chief impurities found in fire clays?

8. Give the characters and modes of occurrence of materials used in the manufacture of cements.

9. Explain the following terms: *bedded vein*, *down-throw*, *flucan*, *strike fault*. Illustrate your answer by diagrams.

10. On what characters does the value of a mineral deposit depend?

You are required to report upon the value of a gold deposit in an unsurveyed district. State how you would proceed.

Petrography.

1. Explain the terms *positive* and *negative* as applied to uniaxial and biaxial crystals respectively.

State what use is made of the mica-plate and the quartz-wedge in determining these characters.

Shew, by diagram, the relative positions of the optic axes, axes of elasticity and axial plane in any negative crystal of the orthorhombic system.

2. Describe the members of the pyroxene group under the headings, (1) chemical composition, (2) optical characters and (3) occurrence.

3. Give a list of accessory minerals which commonly occur in metamorphic rocks.

4. Write a short paper on microchemical methods illustrating your answer by reference to haüyne, nepheline, and the plagioclase feldspars.

5. Characterize, briefly, each of the following rocks: augitite, minette, napoleonite, quartz-porphyry.

6. Describe the principal forms assumed by eruptive rocks as part of the structure of the earth's crust.

7. Discuss the characters and modes of origin of the principal members of the crystalline schists.

8. Describe, by means of the microscope, the thin sections labelled *A*, *B*, *C*, *D*, *E*, *F*, respectively.

Physiology.

An option is allowed between questions 6 and 7.

1. Give the origin and composition of white blood corpuscles. State and illustrate the inference that may fairly be drawn from their composition.

2. Define what is meant by the *automatic* and *reflex action* of a nerve centre. Illustrate by reference to the respiratory centre.

3. Explain what is meant by *cardiac cycle*, *cardiac impulse*, and *eudo-cardiac pressure*. How is the latter measured?

4. Describe how the nutritious portions of food are separated and absorbed.

5. Describe the changes in blood effected by respiration, and point out the evidences of the changes.

6. Draw a diagram showing the structure of the skin. What are the functions of its glands?

7. Trace the path of a "sound" from a sonorous body throughout the organ of hearing.

Physiology.

1. Describe fully the functions of the spinal cord. What is the relation between cord and brain?
2. What do you understand by "Motor areas of the brain"? Trace an impulse from its origin to its destination.
3. How do we estimate the size and distance of an object? What is "field of vision"?
4. Describe the membrana tympani. Show how it is peculiarly adapted to its function.
5. Describe fully *ovulation*, *fecundation*, *segmentation*.
6. What circumstances must be considered in formulating a diet list?

Biological Problems.

An option is allowed between questions 2 and 3,

1. Indicate stages (according to Espinas) in the evolution of the social life of animals.

2. (a) Discuss and illustrate various definitions of instinct that have been given (Spencer's, Romanes', Morgans', James').

(b) Discuss also the origin of instinct.

3. Specify the principal factors of evolution, whether primary or secondary, and shew the bearing of Weismann's theory on these factors.

Embryology.

1. Shew the relation of the yolk to (a) segmentation, (b) gastrulation, and (c) external form.

2. Sketch the development of connective tissue substance and blood.

Invertebrate Morphology.

1. (a) Illustrate what is meant by complexity of structure in the *protozoa*. Shew how this can be made a basis of classification.

(b) What is meant by the *mesozoa*? Illustrate.

2. (a) Draw diagrams to illustrate the three types of sponges.

(b) Sketch the anatomy of a Campanularian Hydroid.

3. *Crayfish*. Describe (a) the external openings; (b) the muscular system; (c) the gastric teeth.

4. *Earthworm*. Describe (a) its alimentary organs, (b) its segmental organs.

5. Trace the circulation of water in the Anodon and indicate its importance in respiration and reproduction.

6. Sketch the anatomy of asteroidea.

Vertebrate Morphology.

1. Describe comparatively the integument in fish, amphibia, birds, reptiles and mammals. Give diagrams to elucidate the comparison.
2. Compare the pectoral girdle of the Ichthyopsida with that of the Sauropsida.
3. Draw a median vertical longitudinal section of the mammalian brain, and mark on it the names of important parts.
4. Compare the lungs in the different classes of vertebrata.
5. Explain fully what is meant by urino-genital organs in vertebrates, and describe their origin.

HONOURS.

Histology.

1. What are the characters of the connective *tissues*? Describe the minute structure of the *adenoid* or *retiform* variety.

2. (a) Describe the minute structure of the pancreas, and tell how you can distinguish a section of it from one of the thyroid gland.

(b) What are the minute differences between a "resting" and an "active" gland?

3. Draw, describe and identify the sections submitted.

4. What can be learned of the physiology of any one of these tissues by means of a study of its minute structure?

5. Outline very briefly the steps to be taken in preparing a tissue (mention a particular one) for microscope examination.

For LL.B.

Roman Law.

1. In what respects was the *patria potestas* gradually curtailed during the progress of Roman law? What were the chief causes of this result?

2. What was the nature of *usucapio* as a mode of acquisition? What was its importance in the development of Roman law?

3. Trace the historical connection between conveyance and contract.

4. Point out the economic and social importance in the Roman state of *donationes mortis causa*.

5. Contrast the legal position of a *fidejussor* with that of an *adpromissor*.

6. What was the nature of early Roman criminal law?

For LL.B.

Harris' Criminal Law.

1. When may the evidence of a child of tender years be given not under oath, and with what modifications?

2. Mention cases when a conviction cannot be obtained on the evidence of one witness unless that witness is corroborated.

3. Define fully the crime of bigamy. If *A* is married to *B* in Kingston, both being British subjects, and *A* leaves Canada with intent to marry again, and marries *C* in New York, *B* still being alive. Is *A* guilty of bigamy?

4. Define the crimes of perjury and subornation of perjury. What evidence is essential to obtain a conviction for perjury?

5. *A* steals \$100 from *B* in New York and flees to Canada, and is arrested in Canada for the offence. What difference is there as to the possibility of obtaining a conviction in Canada against *A*, in these two cases:—(1) where he came to Canada with none of the stolen money with him, and (2) where he came to Canada with the stolen money or a part of it with him?

6. Explain the consequences of an offence being committed by a person (1) under the age of 7 years, and (1) between 7 and 14.

7. Define fully the crime of rape. What changes have been made by statute as to the proof necessary to constitute the crime?

8. Define the pleas *autre fois acquit*, and *autre fois convict*, and if proved, what is the result?

9. Explain the mode in which a person charged with a crime is liberated on bail, both before and after he is committed for trial by a magistrate.

10. What must the accused shew in order to make good the defence of homicide in self-defence?

For LL.B.

Hardcastle on Statutory Law.

1. In Ontario, when does an Act come into force? When, if the Act is reserved? Give the English rule. When does a Dominion Act come into force?
2. What effect have British Statutes upon the Colonies generally?
3. Give the different parts of a statute and explain their effects.
4. When do Acts affect the rights of Her Majesty?
5. What are the rules in Heydon's case?
6. What is the difference between "retrospective" and "ex post facto" statutes?
7. Explain "generalia specialibus non derogant."
8. What is meant by proceeding "upon the equity of the Statute"?
9. Give the rules as to construction of private acts.
10. What are the general rules as to the effects of statutes on prior enactments?

Wheaton's International Law.

1. What title does the possession of the shore of a newly discovered country give to the interior or any part of it.

2. There was a boundary dispute last century between England and France ; France claiming the St. Lawrence Valley to the land's height on the South shore, England claiming the country from the sea to the bank of the St. Lawrence. Discuss and apply the principles which governed the controversy.

3. State the law as to belligerent captures made within neutral territory or on neutral ships, public and private.

4. State the law as to seizures of neutral property on an enemy's vessel.

5. What Courts have jurisdiction to determine the validity of captures made in war ? State the exceptions to the general rule.

6. Are captures lawful by private vessels not commissioned, and to whom does the captured property belong ?

7. What is necessary to constitute a violation of blockade ?

8. What force has the judgment or sentence of a foreign Court of competent jurisdiction proceeding in rem ?

9. What is necessary to enable a public minister or other diplomatic agent to conclude a public treaty ?

Westlake's Private International Law.

1. What is necessary to constitute a British subject by birth ?
2. State the rules for ascertaining what is the domicile of any person.
3. When and in what manner can a man change his domicile ?
4. How far does our Ontario law recognise as to transactions in Ontario foreign determinations of status or capacity ?
5. By what law are the legality and sufficiency of the consideration for a contract to be decided ?
6. What valid grounds of defence may be raised in an action brought in Ontario on a foreign Judgment between the same parties on a cause of action *ex contractu* ?
7. In such an action is the period of limitation governed by the *Lex Fori* or the *Lex loci contractus* ?
8. Can an executor or administrator appointed by the proper Court in the country of deceased's domicile maintain an action in another country against a Railway Company for damages for their negligence causing deceased's death in said other country ?
9. By what laws must the formal validity of Wills executed abroad devising respectively realty and personalty in Ontario be governed ?
10. A. domiciled abroad dies there intestate, entitled to money secured on land in Ontario. Where should administration be obtained and what law governs distribution of fund ?

Divinity.

FIRST PAPER.

1. What are the sacred books of Mohammedanism, of Hinduism, of Buddhism, of Confucianism and Taouism respectively?
2. State the fundamental ideas or spiritual content of each canon or collection.
3. Indicate briefly the relation of the various founders to the religions.
4. State the spiritual content of the Old and New Testament Scriptures, and the relation of Jesus to Christianity.
5. Compare Christianity with each of the other religions.
6. Give reasons for believing that Christianity is the absolute religion, and that it will eventually be accepted by all men.

Divinity.

SECOND PAPER.

1. Give the divisions and subdivisions of the O. T. Canon, according to the Masoretes, and state what the triple division represents. (10)

2. What do we know of the steps by which the O. T. Canon was formed? (10)

3. On what principles apparently were books included in the Canon? Give the grounds of your opinion. (10)

4. What guarantees have we of the purity of the text of the O. T.? (10)

5. What is meant by historical and literary criticism? (10)

6. What are the chief results of the higher criticism of the O. T.? (15)

7. What forces determined Jewish development in the four centuries after Ezra? (15)

8. State the Messianic views entertained in the 1st century B.C. Explain their seed-bed, and also the form and colour given by the time. (10)

9. Give the conclusions of the first four General Councils with regard to the Person of Christ. (5)

10. Show that these are in accord with the views of His own disciples and of Paul. (10)

Apologetics.

FIRST PAPER.

1. Mention some of the chief causes of the unbelief of the present day.

2. "If plants and animals are slowly evolved, the evidence of Supernatural design has been utterly and forever destroyed." Criticise this statement.

3. Discuss the theory of Evolution as it bears on the Pauline doctrines of sin and redemption.

4. How would you argue with those who deny that we can have a knowledge of God because our knowledge is limited to phenomena?

5. Give a brief refutation of the theory that thought or intelligence is a product of matter.

6. (1) Specify the causes that have given rise to the Secularist movement.

(2) State and criticise its aims and proposed methods.

7. Outline the creed of the Labour church, point out its main defects, and show why it must fail to regenerate the social order.

Apologetics.

SECOND PAPER.

1. How does Schopenhauer attempt to reconcile his idea of an Unconscious Will as the ultimate Reality with his admission that there are evidences of purpose in the world?

2. Show by analogy the untenableness of the Pessimist's contention that there is no God because there are suffering and misery in the world.

3. State and justify the objections to Pantheism from the point of view of morals and religion.

4. How are the miracles ascribed to our Lord in the Gospels to be viewed with reference to the question of belief in His Divine mission?

5. Show clearly wherein lies the distinction between what is moral and what is positive in religion, and that the preference which the Scriptures teach us is due to the former is reasonable.

6. How does Butler prove that doubting necessarily implies some degree of evidence for that which we doubt?

Church History.

1. What, according to the Ep. to the Colossians and Ephesians, must have been the errors that threatened Christian life in those Churches?

2. What, according to the correspondence of Pliny and Trajan, must have been the relation of Christians to the State in the early part of the 2nd century?

3. What had been the relation prior to the Neronian persecution?

4. How, in the opinion of Ramsay, did that persecution determine the subsequent attitude of the State? How does he argue that I Peter confirms his opinion?

5. What are our sources for the Church History of the 2nd century?

6. What is the testimony of Ignatius regarding the life and organization of the Church in his day?

7. To what extent is his testimony affected by his personality and environment?

8. What is the nature and value of the testimony of Justin Martyr to the Christianity of the 2nd century?

N. T. Criticism.

1. Give Griësbach's and Scrivener's Textual Canons, also Bengel's first rule.

2. Explain the origin of the designation *textus receptus* given to Robert Stephens' edition of the Greek N. T.

3. In the interpretation of a passage of Scripture what general principles must be applied?

4. Interpret :—

(1) Gal. 2:17.

(2) Gal. 4:17–18.

(3) Phil. 2:17, ἀλλ' ἐι καὶ σπένδομαι.....ὑμῖν.

(4) Col. 1:24, καὶ ἀνταναπληρῶ.....ἐκκλησία.

5. Reconcile ἢ ἥδη τετελείωμαι and ὅσοι οὖν τέλειοι, Phil. 3:12, 15.

6. Show what furnishes the key to the interpretation of the clause τοῦ μυστηρίου τοῦ θεοῦ, Χριστοῦ, Col. 2:2, and explain the construction of Χριστοῦ.

7. Interpret διὰ τῆς φιλοσοφίας καὶ κενῆς ἀπάτης, and state the grammatical rule on which the interpretation turns.

8. Justify the rendering of the Revised Version of οὐχ ἀρπαγμὸν ἡγήσατο τὸ εἶναι ἴσα θεῷ, and distinguish μορφή and σχῆμα Phil. 2:5, 7.

9. Give the derivation of λειτουργία. Explain its meaning, and indicate the difference between it and λατρεία.

10. Mention the Prepositions which are used to express the aim and effect of Christ's death, and point out their precise significations, and their differences, if any.

O. T. Exegesis.

LEVITICUS AND ISAIAH IN LXX.

1. Translate Lev. ix, 3, 17.
2. " " xi, 26, 32.
3. " Is. xxxiv, 3, 11.
4. " " xxxvii, 4, 24.
5. " " xxxviii, 8, 14.
6. " " xl, 12, 15.
7. " " xli, 2, 7.
8. " " xliv, 4, 9.
9. Parse ἐσφαξε Lev. ix, 8.
10. " διαρρήξετε " x, 6.
11. " χρεων " xi, 8.
12. " ῥιφησονται Is. xxxiv, 3.
13. " ἀμνων " " 6.
14. " τρησει " xxxvi, 6.
15. Derive (1) θειον " xxxiv, 9.
- (2) ὄχυρος " xxxvi, 1.
- (3) κναφευς " " 2.
- (4) μυκτηριζω " xxxvii, 22.
- (5) ἐνιαυτος " " 30.
- (6) ᾠδης " xxxviii, 18.
16. How did the sin and trespass offerings differ?
17. What did the burnt offering and peace offering denote?
18. (1) Into what three parts may the book of Isaiah be divided?
- (2) Shew how Parts I and III differ in the subject matter, and in certain features of the composition.

19. Explain Is. xxxiv, 5, first clause.

20. “ Is. xxxviii, 8.

21. “ Is. xxxviii, 16, first two clauses.

22. “ Is. xliii, 14.

23. Who is meant by

(1) “ the righteous man.” Is. xli, 2 (A.V.)
“ one ” R.V.

(2) “ my servant.” Is. xlii, 1.

(3) “ thy first father.” Is. xliii, 27.

24. Where were Bozrah (Is. xxxiv, 6), Idumæa, Carmel, Sharon, Lachish, Libnah, Haran, Sepharvaim, Armenia, Ethiopia, Seba, Kedar.

25. Discuss the authorship of Isaiah xl–lxvi.

First Hebrew.

1. Translate Gen. xlii, 33.
2. " " xliii, 7.
3. " " " 11.
4. " " " 18.
5. " I Sam. xii, 21.
6. " " " 23.
7. " " xiii, 20.
8. " Ps. xxxiii, 20.
9. " " xxxiv, 23.
10. " " xxxv, 3.
11. " " xxxvi, 2.
12. " " xxxvii, 14.
13. Analyze בָּנִים Gen. xlii, 11.
14. " הָאֲסֹרִי " " 16.
15. " צֹהֲרִים " xliii, 16.
16. " הוֹאִיל I Sam. xii, 22.
17. " תִּרְעֹו " " 25.
18. " מִשְׁחִית " xiii, 17.
19. " קִרְדָּמוֹ " " 20.
20. " הִלֹּו " xiv, 1.
21. Plural of (1) מִחְנֶה " xiii, 17.
- (2) חֲנִית " " 22.
22. Root of (1) נָצִיב " " 3.
- (2) מַעְרָה " " 6.
23. What is the subject of Ps. xxxiv ?

24. Of how many parts does Ps. xxxv consist, and what does each part contain?

25. From what nations was Israel delivered by the four leaders named in I Sam. xii, 11?

26. I Sam. xii, 17. (1) When was the wheat harvest? (2) In what did the miracle consist?

27. Explain Ps. xxxvii, 3.

28. Explain "the nakedness of the land." Gen. xlii, 9.

29. Explain why the ox and ass are the only animals named in I Sam. xii, 3.

30. How are numbers consisting of tens and units expressed?

31. Write a paradigm of the future of הָיָה.

32. Where were Hazor, Bethhoron, Moab, Michmash, Geba, Bethel, Gilgal, Gilead, Philistia, the land of Gad?

Second Hebrew.

1. Translate Deut xiv, 8-10.
2. " Prov. xxv, 15-17.
3. " Jer. xxxvii, 14-16.
4. " Zech. xiv, 6-8.
5. " Ps. cxix, 80.
6. " " cxxv, 2.
7. " " cxl, 11.
8. " " cxlii, 4,

9. Analyze נִרְנָה Deut. xv, 14.
10. " תַּחַל " xvi, 9.
11. " שִׁבְעוֹת " " "
12. " תִּתְּאוּ Prov. xxiv, 1.
13. " פָּעִלוּ " " 12.
14. " חָלִי " xxv, 12.
15. " תִּטְעוּ Jer. xxxv, 7.
16. " לִחְלַק " xxxvii, 12.

17. Plural of (1) פִּרְסָה Deut. xiv, 6, (2) כּוֹס Deut. xiv, 16, (3) מַעֲשֵׂר Deut. xiv, 23, (4) מוֹעֵד Deut. xvi, 6.
18. Root of (1) נָמַל Deut. xiv, 7, (2) שָׁפַן Deut. xiv, 7, (3) צָפֹר Deut. xiv, 11, (4) נִשֵּׁר Deut. xiv, 12.
19. Why were the Israelites restricted as to the kinds of animal food they might use?

20. What are the characteristics of the Songs of Ascents ?

21. What is peculiar in the composition of Ps. cxxxv ? Illustrate.

22. Jer. xxxvi. (1) What was the threefold obligation laid upon the Rechabites ? (2) Why probably was it laid upon them ?

23. Discuss the authorship of Zech. ix-xiv.

24. State (1) the two parts of Zech. ix-xiv ; (2) the two principal sections of each part ; (3) the subjects of each section.

25. State the seven sections which form the Book of Proverbs.

26. Explain cxx, 5.

27. Explain Ps. cxxvii, 4.

28. Explain Ps. cxxxii, 6.

29. Explain Ps. cxli, 7.

30. Where were Hadrach, Gaza, Gilead, Geba, Ashdod, Ashkelon, Ekron, Gibeah, Rimmon, Mount of Olives, Mesech, Lebanon, Bashan, Ephratah, Hermon, Edom, the territory of the Amorites ?

31. When is the article not used in comparisons ?

32. How is the disjunctive question expressed ?

33. Discuss the Mosaic authorship of Deuteronomy.

Third Hebrew.

ISAIAH XL-LXVI.

1. Translate (1) xli, 7, 19.
(2) xlv, 13, 16.
(3) xlv, 8, 9.
(4) xlviii, 4, 19.
(5) lii, 5, 12.
(6) liii, 8, 9.
(7) lvi, 9.
(8) lvii, 6.
(9) lxiii, 15.
(10) lxvi, 14.
2. Analyze (1) תִּשְׁתַּע xli, 10.
(2) יֵאֵת “ 25.
(3) יִשְׁתַּחֲוֶה xlv, 17.
(4) מִפֶּרֶץ “ 25.
(5) חֲשָׁפִי xlvii, 2.
(6) לְחַיִּי 1, 6.
(7) הִנֵּחֲמִים lvii, 5.
(8) בִּיצֵי lix, 5.
(9) חֲרוֹ “ 13.
(10) נִזְלֹוֹ lxiv, 2.

3. Into what three sections may the latter prophecies of Isaiah be divided, and what is the chief subject of each section ?

4. Discuss the Isaian authorship of the latter prophecies.

5. Explain (1) xliii, 18.

(2) lvii, 8, first clause.

(3) “ 10.

(4) lix, 5.

(5) lx, 8.

(6) lxiii, 3.

(7) lxv, 11.

6. State the difference in the meaning of

(1) חֲרַשׁ and חֲרָשׁ

(2) נֹם “ יֶשֶׁן

(3) קִצֹּר “ קִצֵּר

(4) נִשְׁמָה “ נִפְּשׁ

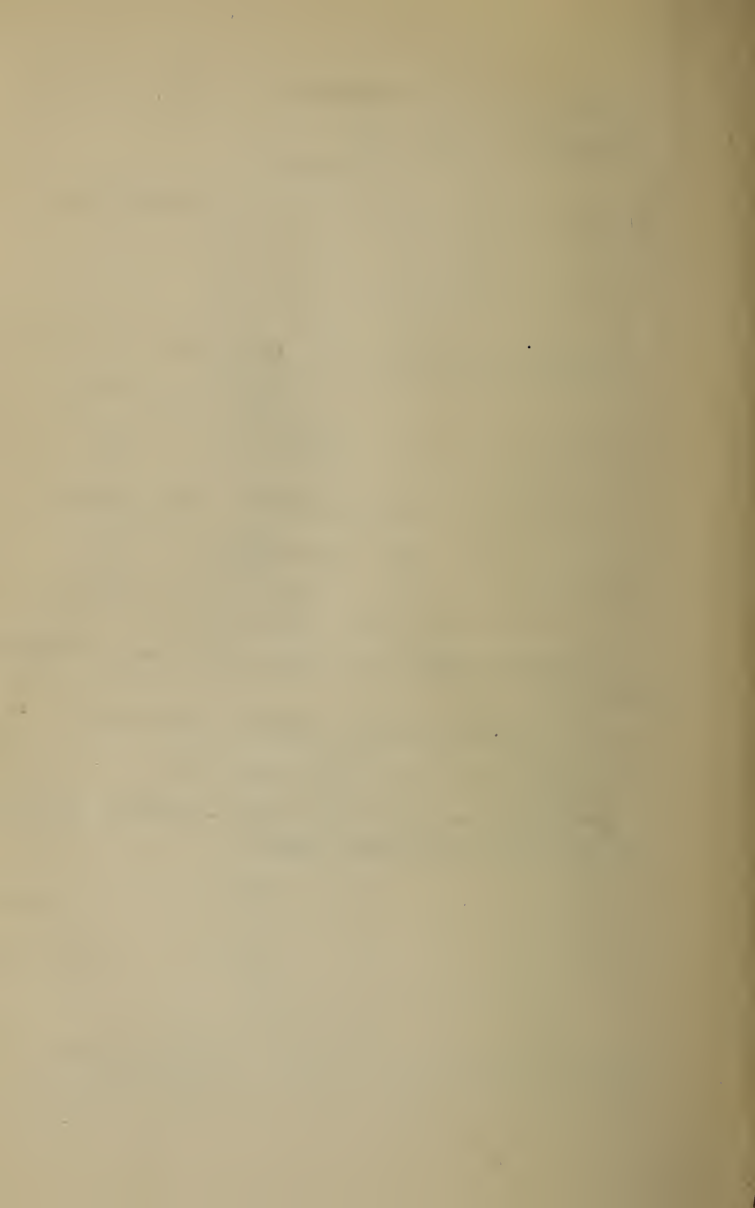
(5) נָחַם Niph. “ נָחַם Pi.

7. Point out what is peculiar in the use of בְּאִשֶּׁר
xlvi, 12.

3. In what sense was the imperative used l, 11 ?

9. Why is the masc. אָתָּה used li, 16 ?

10. Where were Tarshish, Sheba, Lebanon, Sharon,
Ethiopia, Pul, Lud, Tubal, Javan ?



Chaldee.

1. Translate (1) Dan. iii, 31-33.
(2) " iv, 1-3.
2. Analyze (I) אֲשֶׁתָּנוּ Dan. iii, 19 kerī and kethib.
(2) לְגִבְרִין " " 20.
(3) רְמִי " " 21.
(4) שְׁלָה " " 29 kerī and kethib.
(5) וִירְחִלְנִי " iv, 2.
3. Derive the names of the last five musical instruments, Dan. iii, 5.
4. Explain (1) the insertion of נ in הַנְּעֵל Dan. ii, 25.
(2) the preformative of לְהֵיָא
5. Why were the king's guard called טַבָּחִיא ?
6. What language did the magicians usually speak ?
7. What is supposed to be the reason of the languages being different in the two parts of Daniel ?
8. To whom and in what different modes were divine revelations made in the two parts ?
9. Shew that the command, Dan. ii, 12, was not inconsistent with the character of Nebuchadnezzar.
10. Where were Babylonish schools of magicians besides the school at the Capital ?
11. Why was the appellation "God of heaven" frequently used after the exile ?
12. In what way were the kingdoms to be broken in pieces and consumed Dan. ii, 44 ?
13. Where was the plain of Dura ?
14. Shew that Dan. iii, 1-6 is consistent with Dan. ii, 46-49.
16. Write a paradigm of Peal fut נִפְקַ





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